

10/524,197

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NEWS 4 JAN 16 IPC version 2007.01 thesaurus available on STN  
NEWS 5 JAN 16 WPIDS/WFINDEX/WPIX enhanced with IPC 8 reclassification data  
NEWS 6 JAN 22 CA/Caplus updated with revised CAS roles  
NEWS 7 JAN 22 CA/Caplus enhanced with patent applications from India  
NEWS 8 JAN 29 PHAR reloaded with new search and display fields  
NEWS 9 JAN 29 CAS Registry Number crossover limit increased to 300,000 in multiple databases  
NEWS 10 FEB 15 PAYDPASPC enhanced with Drug Approval numbers  
NEWS 11 FEB 15 RUSSIAPAT enhanced with pre-1994 records  
NEWS 12 FEB 23 KOREAPAT enhanced with IPC 8 features and functionality  
NEWS 13 FEB 26 MEDLINE reloaded with enhancements  
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NEWS 15 FEB 26 TOXCENTER enhanced with reloaded MEDLINE  
NEWS 16 FEB 26 IFICDB/IFIPAT/IFIUDB reloaded with enhancements  
NEWS 17 FEB 26 CAS Registry Number crossover limit increased from 10,000 to 300,000 in multiple databases  
NEWS 18 MAR 15 WPIDS/WPIX enhanced with new FRAGHITSTR display format  
NEWS 19 MAR 16 CASREACT coverage extended  
NEWS 20 MAR 20 MASREACT now updated daily  
NEWS 21 MAR 22 LWPI reloaded  
NEWS 22 MAR 30 RDISCLOSURE reloaded with enhancements  
NEWS 23 MAR 30 INPADOCDB will replace INPADOC on STN  
NEWS 24 APR 02 JICST-EPLUS removed from database clusters and STN  
NEWS 25 APR 30 GENBANK reloaded and enhanced with Genome Project ID field  
NEWS 26 APR 30 CHEMCATS enhanced with 1.2 million new records  
NEWS 27 APR 30 CA/Caplus enhanced with 1870-1889 U.S. patent records  
NEWS 28 APR 30 INPADOC replaced by INPADOCDB on STN

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V6.01C, CURRENT  
MACINTOSH VERSION IS V6.0C(ENG) AND V6.00C(JP),  
AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

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DICTIONARY FILE UPDATES: 29 APR 2007 HIGHEST RN 933681-85-7

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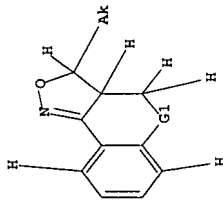
L1 HAS NO ANSWERS

L1 STR

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G1 C.O.S.N

Structure attributes must be viewed using STN Express query preparation.

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FULL SCREEN SEARCH COMPLETED - 268 TO ITERATE

100.0% PROCESSED 268 ITERATIONS  
SEARCH TIME: 00.00.01  
32 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 4378 TO 6342  
PROJECTED ANSWERS: 301 TO 979

L2 32 SEA SSS SAM L1

=> s l1 full  
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709 ANSWERS

L3 709 SEA SSS FUL L1

=> file caplus  
COST IN U.S. DOLLARS  
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SINCE FILE ENTRY  
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L4 17 L3

=> s l4 and PY<2003

L5 22885160 PY<2003  
6 L4 AND PY<2003

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L5 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 2002:658130 CAPLUS

DOCUMENT NUMBER: 137:201298

TITLE: Preparation of substituted isoxazolines as

anti-depressants

INVENTOR(S):  
Andres-Gil, Jose Ignacio; Fernandez-Gadea, Francisco  
Javier; Alcazar-Vaca, Manuel Jesus; Cid-Nunez, Jose  
Maria; Pastor-Fernandez, Joaquin; Megens, Antonius  
Adrianus Hendrikus Petrus; Heylien, Godelieve Irma  
Christine Maria; Langlois, Xavier Jean Michel; Bakker,  
Margaretha Henrica Maria; Steckler, Thomas Horst  
Wolfgang

PATENT ASSIGNEE(S): Janssen Pharmaceutica N.V., Belg.

SOURCE: PCT Int. Appl., 100 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

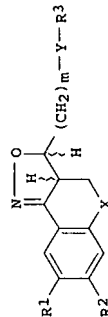
PATENT INFORMATION:

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RN: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
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AU 2022244717	A1	20020904	AU 2002-244717	20020213 <--
EP 1368358	A1	20031210	EP 2002-712909	20020213 <--
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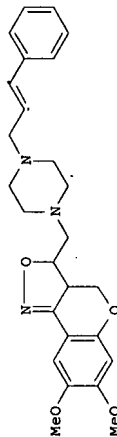
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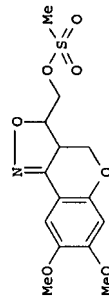
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 HU 2003003270 A2 20040128 HU 2003-3270 20020213  
 CN 1492871 A 20040428 CN 2002-805243 20020213  
 NZ 526741 A 20040430 NZ 2002-526741 20020213  
 BR 2002007433 A 20040601 BR 2002-7433 20020213  
 JP 2004518748 T 20040624 JP 2002-565998 20020213  
 AT 337322 T 20060915 AT 2002-712909 20020213  
 TW 257392 B 20060701 TW 2002-91102853 20020220  
 BG 107984 A 20040930 BG 2003-107984 20030708  
 NO 2003003700 A 20031021 NO 2003-3700 20030820  
 ZA 2003006487 A 20041122 ZA 2003-6487 20030820  
 US 2004122037 A1 20040624 US 2003-468555 20030821  
 US 7169786 B2 20070130  
 PRIORITY APPLN. INFO.:  
 EP 2001-200611 A 20010221  
 EP 2001-201264 A 20010405  
 WO 2002-EP1567 W 20020213  
 OTHER SOURCE(S):  
 MARPAT 137:201298  
 GI



I



II



III

AB Title compds. I (wherein X = CH2, NR7, S or O; R7 = H, (un)substituted alkyl, Ph, ph alkyl, etc.; R1 and R2 independently = H, OH, CN, halo, OSO2H, (un)substituted Ph, phenylalkyl, alkoxy, etc.; or R1 and R2 may be taken together to form a bivalent radical selected from -CH2CH2O-, -OCH2CH2-, -OCH2O-, -CH2OCH2-, and -OCH2CH2O-; m = 1-4; Y = (un)substituted aromatic piperidyl or piperazyl radical and R3 represents an (un)substituted aromatic homocyclic or heterocyclic ring system including a partially or completely hydrogenated hydrocarbon chain of maximum 6 atoms long with which the ring

system is attached to the Y radical and which may contain one or more heteroatoms selected from the group of O, N and S), a process for their preparation, pharmaceutical compns. comprising them and their use as a medicine for treating anxiety disorders and disorders of body weight are disclosed. Thus, II was prepared in 60% yield by reaction of III with N-(3-phenyl-2-propenyl)-piperazine. III was prepared by substitution of Me 4-bromo-2-butenate with 2-hydroxy-4,5-dimethoxybenzaldehyde with subsequent condensation with hydroxylamine, cyclization, reduction and sulfonation with methanesulfonyl chloride. The compds. according to the invention have surprisingly been shown to have a serotonin (5-HT) reuptake inhibitor activity in combination with addnl. 52-adrenoceptor antagonist activity and show a strong anti-depressant activity without being sedative. I produced an inhibition at the h2A site (but often also at the h2B and h2C sites) and simultaneously at the 5-HT transporter site of more than 50% (pIC50) at a test concentration ranging between 10-6 M and 10-9 M in a concentration dependent manner. The invention also relates to novel combination of substituted isoxazolines derivs. having anti-depressant activity and/or anxiolytic activity and/or body weight control activity with antidepressants, anxiolytics and/or antipsychotics to improve efficacy and/or onset of action.

IT

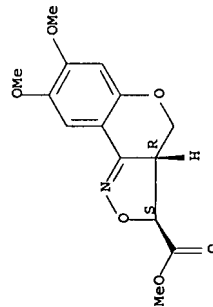
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 452322-09-7P 452322-19-9P 452322-21-3P  
 452322-23-5P 452322-29-1P 452322-30-4P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (intermediate; preparation and pharmaceutical activity of substituted isoxazolines as anti-depressants)

RN 452321-67-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole-3-carboxylic acid, 3a,4-dihydro-7,8-dimethoxy-, methyl ester, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

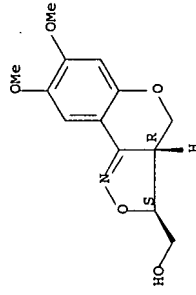


RN 452321-69-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole-3-methanol, 3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

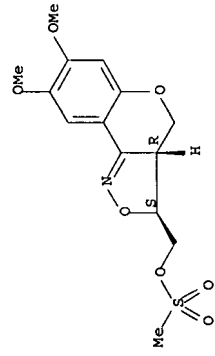
Relative stereochemistry.

10/513699



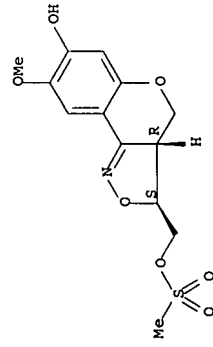
RN 452321-71-0 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole-3-methanol, 3a,4-dihydro-7,8-dimethoxy-,  
methanesulfonate (ester), (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452321-73-2 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole-3-methanol, 3a,4-dihydro-7-hydroxy-8-  
methoxy-, alpha-methanesulfonate, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



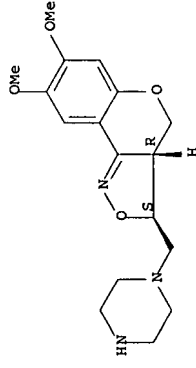
RN 452321-75-4 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-(1-  
piperazinylmethyl)-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

<12/04/2007>

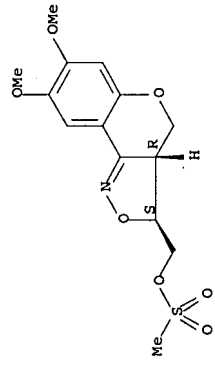
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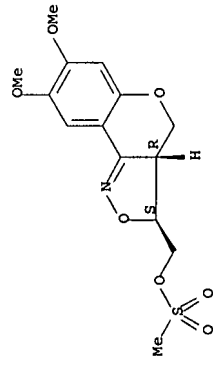
RN 452321-77-6 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole-3-methanol, 3a,4-dihydro-7,8-dimethoxy-,  
methanesulfonate (ester), (3R,3aS)-rel- (+)- (9CI) (CA INDEX NAME)

Rotation (+). Absolute stereochemistry unknown.



RN 452321-80-1 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole-3-methanol, 3a,4-dihydro-7,8-dimethoxy-,  
methanesulfonate (ester), (3R,3aS)-rel- (-)- (9CI) (CA INDEX NAME)

Rotation (-). Absolute stereochemistry unknown.



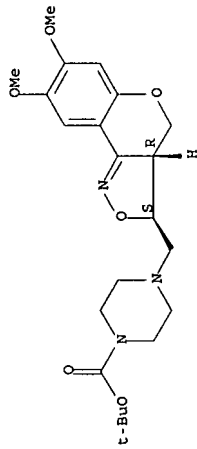
RN 452321-82-3 CAPLUS  
CN 1-Piperazinecarboxylic acid, 4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-  
[1]benzopyrano[4,3-c]isoxazol-3-yl]methyl]-, 1,1-dimethylethyl ester, rel-  
(9CI) (CA INDEX NAME)

Relative stereochemistry.

<12/04/2007>

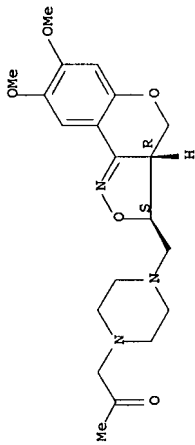
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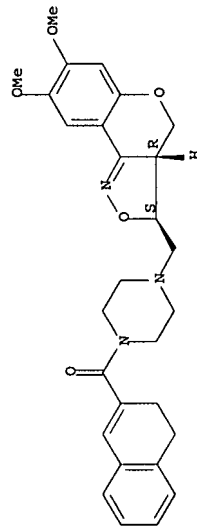
RN 452321-85-6 CAPLUS  
CN 2-Propanone, 1-[4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl]-, rel- (9CI)  
(CA INDEX NAME)

Relative stereochemistry.



RN 452321-87-8 CAPLUS  
CN Piperazine, 1-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-4-[[[(3,4-dihydro-2-naphthalenyl)carbonyl]-, rel- (9CI)  
(CA INDEX NAME)

Relative stereochemistry.



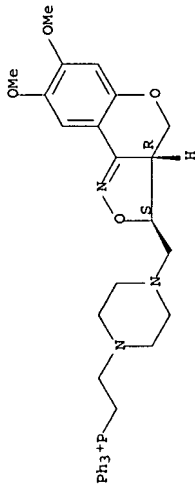
RN 452321-89-0 CAPLUS  
CN Phosphonium, [2-[4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl]ethyl]triphenyl]-, bromide, rel- (9CI)  
(CA INDEX NAME)

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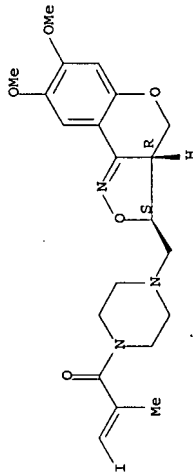
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Relative stereochemistry.



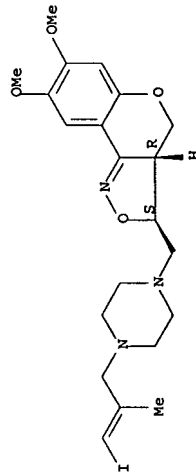
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CN Piperazine, 1-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-4-[[[(3-iodo-2-methyl-1-oxo-2-propenyl)-, rel- (9CI)  
(CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.



RN 452321-93-6 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-3-[[4-(3-iodo-2-methyl-2-propenyl)-1-piperazinyl)methyl]-7,8-dimethoxy-, (3R,3aS)-rel- (9CI)  
(CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.



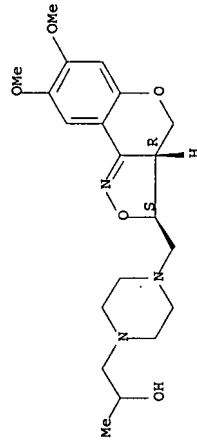
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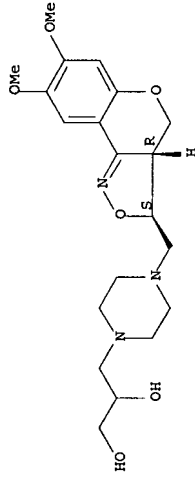
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CN 1-Piperazineethanol, 4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]- $\alpha$ -methyl]-, rel- (9CI)  
(CA INDEX NAME)

Relative stereochemistry.



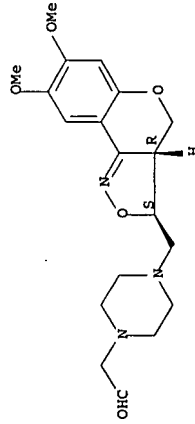
RN 452321-97-0 CAPLUS  
CN 1,2-Propanediol, 3-[4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl]-, rel- (9CI)  
(CA INDEX NAME)

Relative stereochemistry.



RN 452321-99-2 CAPLUS  
CN 1-Piperazineacetaldehyde, 4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



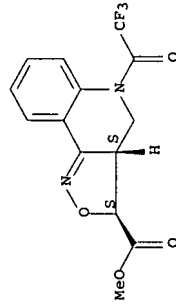
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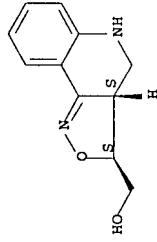
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CN Isoxazolo[4,3-c]quinoline-3-carboxylic acid, 3,3a,4,5-tetrahydro-5-(trifluoroacetyl)-, methyl ester, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



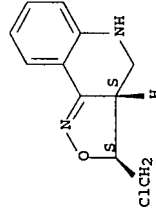
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CN Isoxazolo[4,3-c]quinoline-3-methanol, 3,3a,4,5-tetrahydro-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452322-09-7 CAPLUS  
CN Isoxazolo[4,3-c]quinoline, 3-(chloromethyl)-3,3a,4,5-tetrahydro-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452322-19-9 CAPLUS  
CN 1-Piperazinecarboxylic acid, 4-[[[(3R,3aR)-3,3a,4,5-tetrahydro-7,8-dimethoxy-5-(trifluoroacetyl)isoxazolo[4,3-c]quinolin-3-yl)methyl]-, 1,1-dimethylethyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

<12/04/2007>

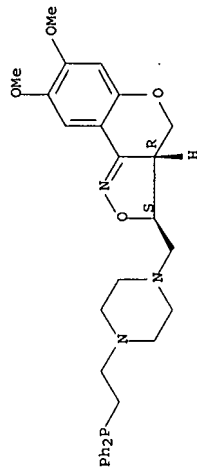
Erich Leese



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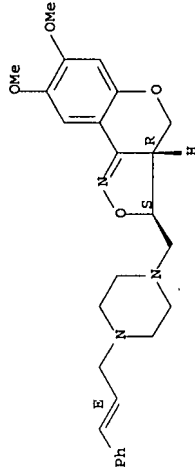
INDEX NAME)

Relative stereochemistry.



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 452313-80-3P 452313-82-5P 452316-78-8P  
 RL: PAC (Pharmacological activity); PUR (Purification or recovery); SPN  
 (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study);  
 PREP (Preparation); USES (Uses)  
 (target compound; preparation and pharmaceutical activity of substituted  
 isoxazoles as anti-depressants)  
 RN 452313-32-5 CAPLUS  
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-  
 3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, dihydrochloride,  
 (3R,3aS)-rel-(+)- (9CI) (CA INDEX NAME)

Rotation (+). Absolute stereochemistry unknown.  
 Double bond geometry as shown.



● 2 HCl

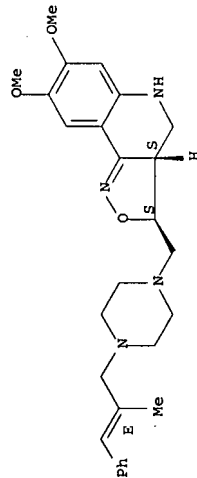
RN 452313-68-7 CAPLUS  
 CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7,8-dimethoxy-3-[[4-[(2E)-2-  
 methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aR)-rel-(+)-  
 (9CI) (CA INDEX NAME)

Rotation (+). Absolute stereochemistry unknown.  
 Double bond geometry as shown.

<12/04/2007>

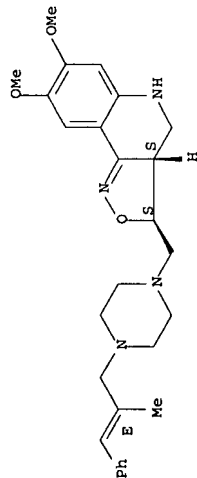
Erich Leese

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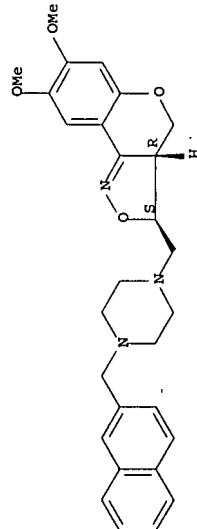
RN 452313-71-2 CAPLUS  
 CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7,8-dimethoxy-3-[[4-[(2E)-2-  
 methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aR)-rel-(+)-  
 (9CI) (CA INDEX NAME)

Rotation (-). Absolute stereochemistry unknown.  
 Double bond geometry as shown.



RN 452313-80-3 CAPLUS  
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2-  
 naphthalenyl)methyl]-1-piperazinyl]methyl]-, dihydrochloride,  
 (3R,3aS)-rel-(+)- (9CI) (CA INDEX NAME)

Rotation (+). Absolute stereochemistry unknown.



● 2 HCl

RN 452313-82-5 CAPLUS

<12/04/2007>

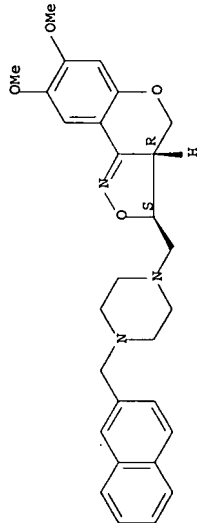
Erich Leese



10/513699

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-, dihydrochloride, (3R,3aS)-rel-(-)- (9CI) (CA INDEX NAME)

Rotation (-). Absolute stereochemistry unknown.

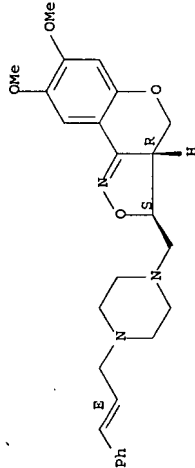


● 2 HCl

RN 452313-78-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-((2E)-3-phenyl-2-propenyl)-1-piperazinyl]methyl]-, dihydrochloride, (3R,3aS)-rel-(-)- (9CI) (CA INDEX NAME)

Rotation (-). Absolute stereochemistry unknown.  
Double bond geometry as shown.



● 2 HCl

IT 452313-59-6P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses) (target compound; preparation and pharmaceutical activity of substituted isoxazolines as anti-depressants)

RN 452313-59-6 CAPLUS

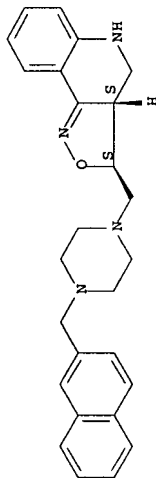
CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

<12/04/2007>

Erich Leese

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Relative stereochemistry.



IT 452313-36-9P 452313-40-5P 452313-43-8P 452313-46-1P 452313-50-7P 452313-54-1P 452313-56-3P 452313-61-0P 452313-65-4P 452313-74-5P 452313-77-8P 452313-85-8P 452313-88-1P 452313-91-6P 452313-93-8P 452313-98-3P 452314-01-1P 452314-05-5P 452314-08-8P 452314-11-3P 452314-14-6P 452314-16-8P 452314-18-0P 452314-20-4P 452314-23-7P 452314-26-0P 452314-29-3P 452314-31-7P 452314-34-0P 452314-37-3P 452314-40-8P 452314-43-1P 452314-46-4P 452314-49-7P 452314-52-2P 452314-55-5P 452314-57-7P 452314-60-2P 452314-62-4P 452314-65-7P 452314-68-0P 452314-71-5P 452314-74-8P 452314-77-1P 452314-80-6P 452314-83-9P 452314-86-2P 452314-89-5P 452314-92-0P 452314-95-3P 452314-98-6P 452315-01-4P 452315-04-7P 452315-07-0P 452315-10-5P 452315-13-8P 452315-16-1P 452315-19-4P 452315-22-9P 452315-24-1P 452315-27-4P 452315-30-9P 452315-33-2P 452315-36-5P 452315-38-7P 452315-40-1P 452315-42-3P 452315-44-5P 452315-46-7P 452315-48-9P 452315-51-4P 452315-52-5P 452315-55-8P 452315-58-1P 452315-61-6P 452315-63-8P 452315-66-1P 452315-68-4P 452315-70-7P 452315-73-0P 452315-76-3P 452315-79-6P 452315-82-1P 452315-85-4P 452315-87-6P 452315-90-1P 452315-92-3P 452315-94-5P 452315-97-8P 452316-00-6P 452316-03-9P 452316-06-2P 452316-09-5P 452316-12-0P 452316-15-3P 452316-18-6P 452316-21-1P 452316-24-4P 452316-27-7P 452316-30-2P 452316-33-5P 452316-36-8P 452316-39-1P 452316-42-6P 452316-45-9P 452316-48-2P 452316-51-7P 452316-53-9P 452316-55-1P 452316-58-4P 452316-64-2P 452316-66-4P 452316-69-7P 452316-72-2P 452316-75-5P 452316-81-3P 452316-84-6P 452316-87-9P 452316-89-1P 452316-91-5P 452316-93-7P 452316-95-9P 452316-97-1P 452316-99-3P 452317-02-1P 452317-04-3P 452317-06-5P 452317-08-7P 452317-10-1P 452317-12-3P 452317-14-5P 452317-16-7P 452317-18-9P 452317-20-3P 452317-22-5P 452317-24-7P 452317-26-9P 452317-28-1P 452317-30-5P

<12/04/2007>

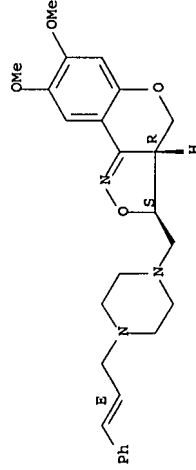
Erich Leese

10/513699

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452317-50-9P 452317-52-1P 452317-54-3P  
452317-56-5P 452317-58-7P 452317-60-1P  
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452319-26-4P 452319-28-6P 452319-30-8P  
452319-31-2P 452319-33-4P 452319-35-6P  
452319-37-8P 452319-39-0P 452319-41-4P  
RN 452313-36-9 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-((2E)-3-phenyl-2-propenyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



RN 452313-40-5 CAPLUS

<12/04/2007>

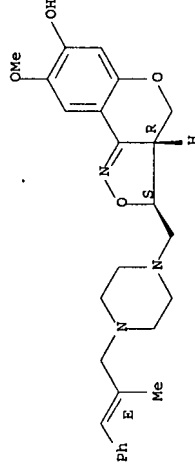
Erich Leese

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CN 3H-[1]Benzopyrano[4,3-c]isoxazole-7-ol, 3a,4-dihydro-8-methoxy-3-[[4-((2E)-2-methyl-3-phenyl-2-propenyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

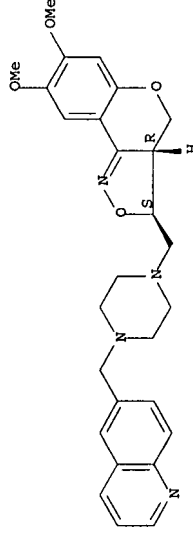
Double bond geometry as shown.



RN 452313-43-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-((6-quinolinyl)methyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

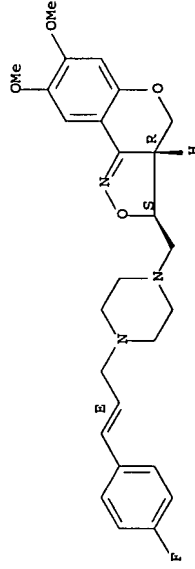


RN 452313-46-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-((2E)-3-(4-fluorophenyl)-2-propenyl)-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Rotation (-). Absolute stereochemistry unknown.

Double bond geometry as shown.



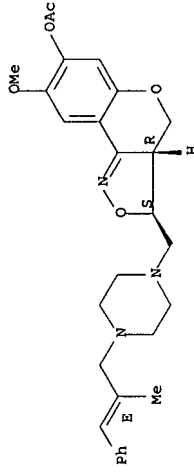
<12/04/2007>

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10/513699

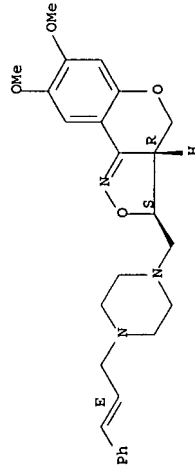
RN 452313-50-7 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-ol, 3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, acetate (ester), (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452313-54-1 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel-(+)- (9CI) (CA INDEX NAME)

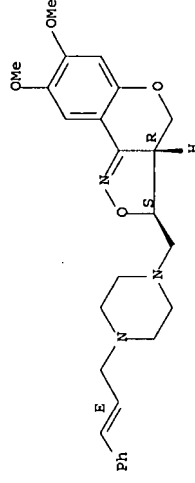
Rotation (+). Absolute stereochemistry unknown.  
Double bond geometry as shown.



RN 452313-56-3 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel-(-)- (9CI) (CA INDEX NAME)

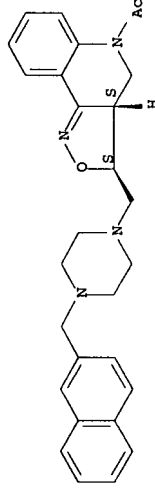
Rotation (-). Absolute stereochemistry unknown.  
Double bond geometry as shown.

10/513699



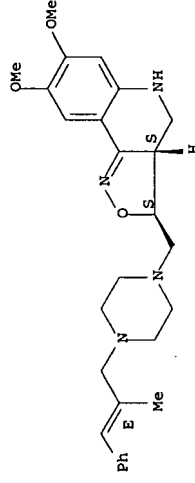
RN 452313-61-0 CAPLUS  
CN Isoxazolo[4,3-c]quinoline, 5-acetyl-3,3a,4,5-tetrahydro-3-[[4-[(2E)-naphthalenylmethyl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452313-65-4 CAPLUS  
CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452313-74-5 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(3-chlorophenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy- (9CI) (CA INDEX NAME)

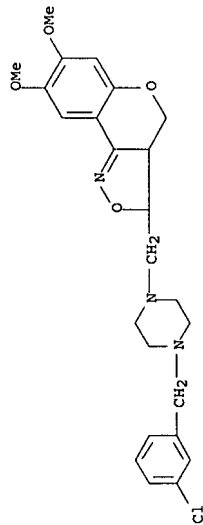
<12/04/2007>

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<12/04/2007>

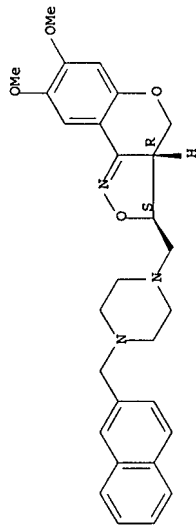
Erich Leese

10/513699



RN 452313-77-8 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(2-naphthalenyl)methyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

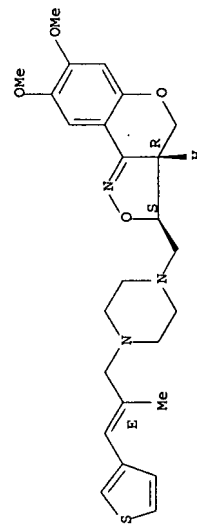
Relative stereochemistry.



RN 452313-85-8 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(2E)-2-methyl-3-(3-thienyl)-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



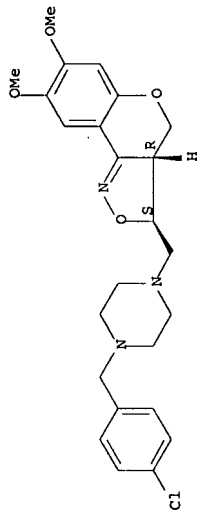
RN 452313-88-1 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(4-chlorophenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

<12/04/2007>

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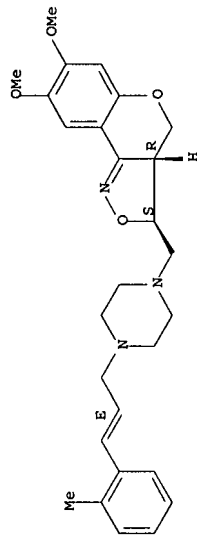
Relative stereochemistry.



RN 452313-91-6 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(2E)-3-(2-methylphenyl)-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

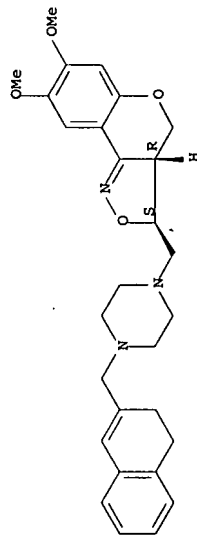
Relative stereochemistry.

Double bond geometry as shown.



RN 452313-93-8 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(3,4-dihydro-2-naphthalenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452313-98-3 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(2E)-2-methyl-3-(2-pyridinyl)-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel-

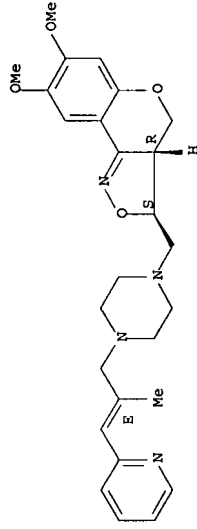
<12/04/2007>

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10/513699

(9CI) (CA INDEX NAME)

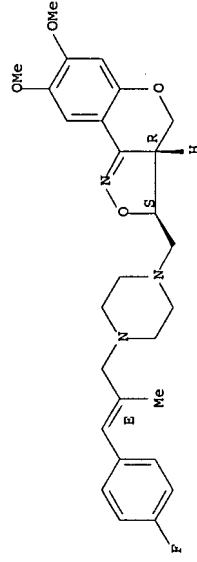
Relative stereochemistry.  
Double bond geometry as shown.



RN 452314-01-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel-(+)- (9CI) (CA INDEX NAME)

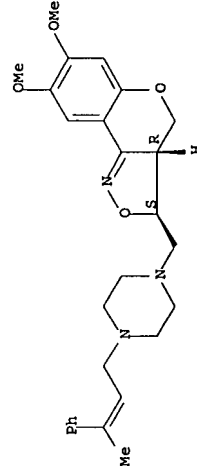
Rotation (+). Absolute stereochemistry unknown.  
Double bond geometry as shown.



RN 452314-05-5 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(3-phenyl-2-butenyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.



<12/04/2007>

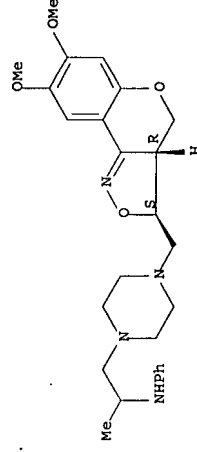
Erich Leese

10/513699

RN 452314-08-8 CAPLUS

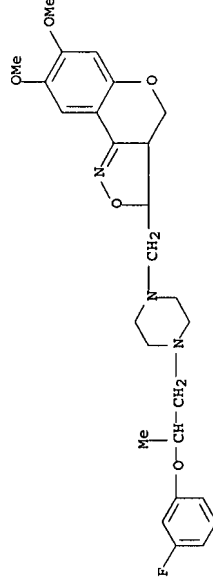
CN 1-Piperazineethanamine, 4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl]methyl]- $\alpha$ -methyl-N-phenyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452314-11-3 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[2-(3-fluorophenoxy)propyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy- (9CI) (CA INDEX NAME)



RN 452314-14-6 CAPLUS

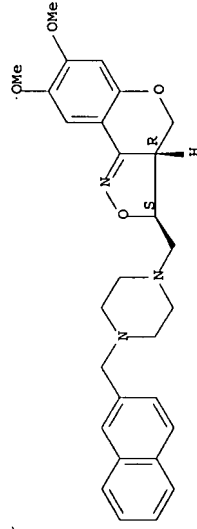
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

<12/04/2007>

Erich Leese

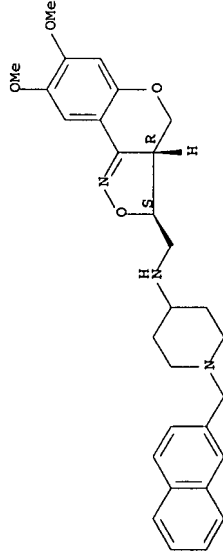
10/513699



● 2 HCl

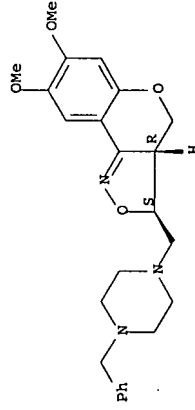
RN 452314-16-8 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole-3-methanamine, 3a,4-dihydro-7,8-dimethoxy-N-[1-(2-naphthalenylmethyl)-4-piperidinyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452314-18-0 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(phenylmethyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

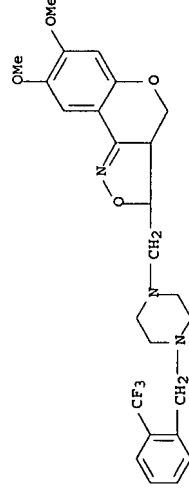


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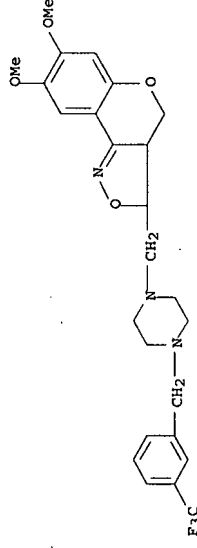
Erich Leese

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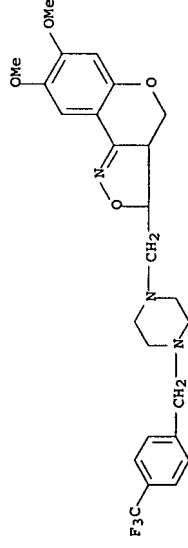
RN 452314-20-4 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[[2-(trifluoromethyl)phenyl]methyl]-1-piperazinyl]methyl]- (9CI) (CA INDEX NAME)



RN 452314-23-7 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[[3-(trifluoromethyl)phenyl]methyl]-1-piperazinyl]methyl]- (9CI) (CA INDEX NAME)



RN 452314-26-0 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[[4-(trifluoromethyl)phenyl]methyl]-1-piperazinyl]methyl]- (9CI) (CA INDEX NAME)

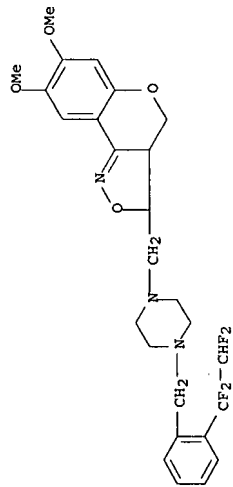


RN 452314-29-3 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[[2-

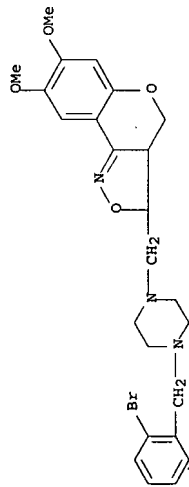
<12/04/2007>

Erich Leese

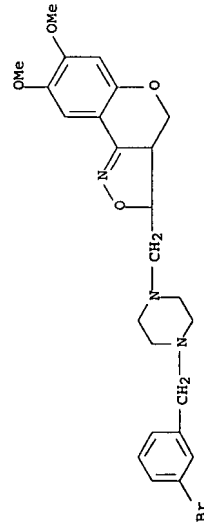
(1,1,2,2-tetrafluoroethyl)phenyl)methyl]-1-piperazinyl)methyl] - (9CI) (CA INDEX NAME)



RN	452314-31-7	CAPLUS
CN	3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2-bromophenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy- (9CI)	(CA INDEX NAME)

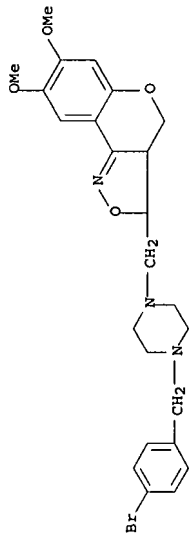


RN	452314-34-0	CAPLUS
CN	3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(3-bromophenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-(9CI)	(CA INDEX NAME)



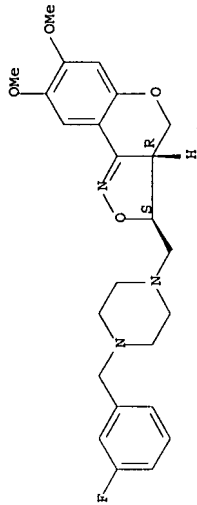
RN	452314-37-3	CAPLUS
CN	3H-[1-Benzopyrano[4,3-c]isoxazole, 3-[(4-{(4-bromophenyl)methyl}-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-(9CI) (CA INDEX NAME)	

**Erich Leese**



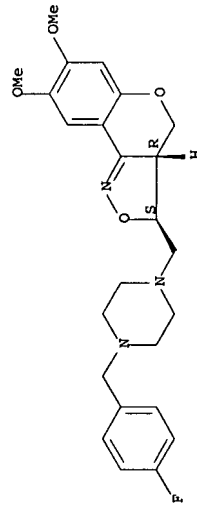
RN	452314-40-8	CAPLUS
CN	3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(3-fluorophenyl)methyl]-1-piperazinylmethyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI)	(CA INDEX NAME)

**Relative stereochemistry.**



RN	452314-43-1	CAPLUS
CN	3H-[1]Benzopyran[4,3-c]isoxazole, 3-[[4-[(4-fluorophenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)	

Relative stereochemistry.


$$\bullet 2 \text{ HCl}$$

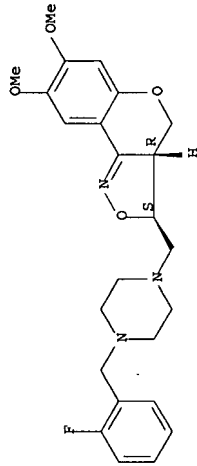
RN 452314-46-4 CAPLUS

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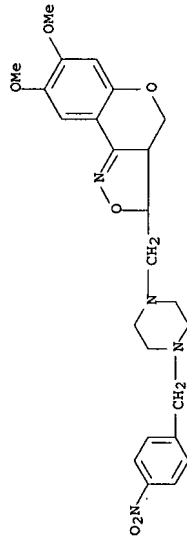
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2-fluorophenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



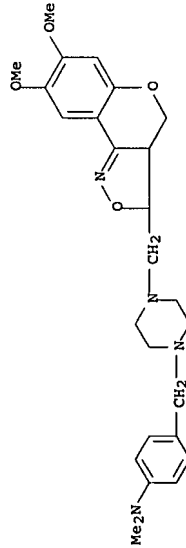
RN 452314-49-7 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(4-nitrophenyl)methyl]-1-piperazinyl]methyl]- (9CI) (CA INDEX NAME)



RN 452314-52-2 CAPLUS

CN Benzenamine, 4-[[4-[(3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl]methyl]-N,N-dimethyl- (9CI) (CA INDEX NAME)



RN 452314-55-5 CAPLUS

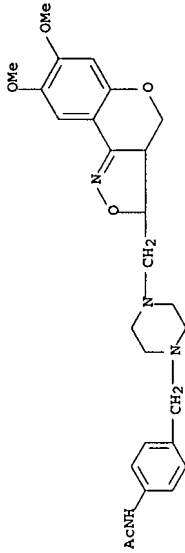
CN Acetamide, N-[4-[[4-[(3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl]methyl]phenyl]- (9CI) (CA INDEX NAME)

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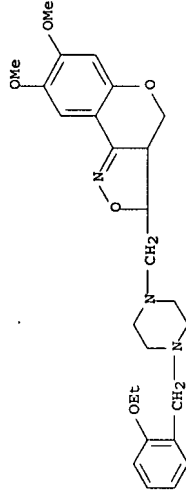
10/513699

NAME)



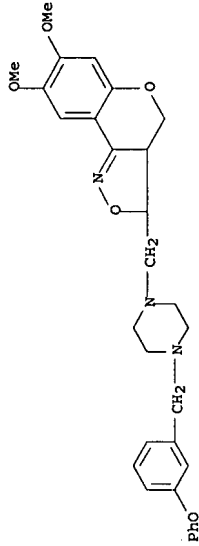
RN 452314-57-7 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2-ethoxyphenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy- (9CI) (CA INDEX NAME)



RN 452314-60-2 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(3-phenoxyphenyl)methyl]-1-piperazinyl]methyl]- (9CI) (CA INDEX NAME)



RN 452314-62-4 CAPLUS

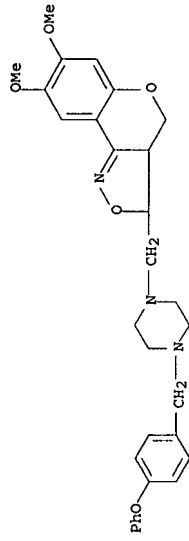
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(4-phenoxyphenyl)methyl]-1-piperazinyl]methyl]- (9CI) (CA INDEX NAME)

<12/04/2007>

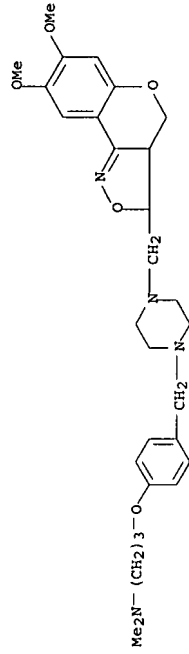
Erich Leese



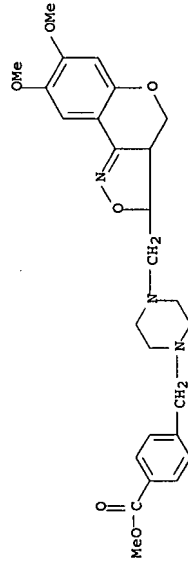
10/513699



RN 452314-65-7 CAPLUS  
CN 1-Propanamine, 3-[[4-[[4-[(3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl]methoxy]-N,N-dimethyl- (9CI) (CA INDEX NAME)



RN 452314-68-0 CAPLUS  
CN Benzoic acid, 4-[[4-[(3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl]methyl]-, methyl ester (9CI) (CA INDEX NAME)

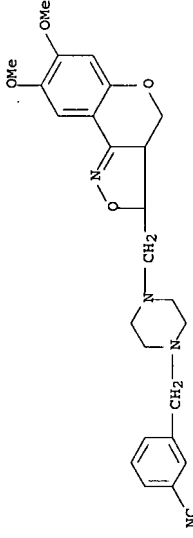


RN 452314-71-5 CAPLUS  
CN Benzonitrile, 3-[[4-[(3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl]methyl]- (9CI) (CA INDEX NAME)

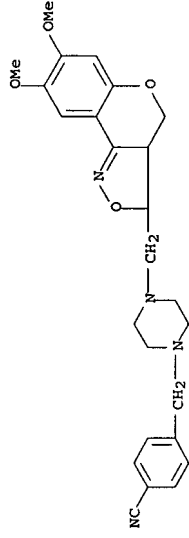
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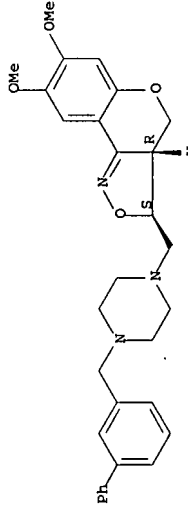


RN 452314-74-8 CAPLUS  
CN Benzonitrile, 4-[[4-[(3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl]methyl]- (9CI) (CA INDEX NAME)



RN 452314-77-1 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl]methyl]- (9CI) (CA INDEX NAME)

Relative stereochemistry.

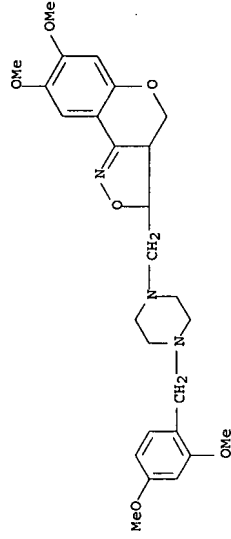


RN 452314-80-6 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl]methyl]- (9CI) (CA INDEX NAME)

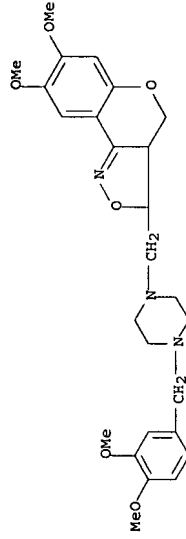
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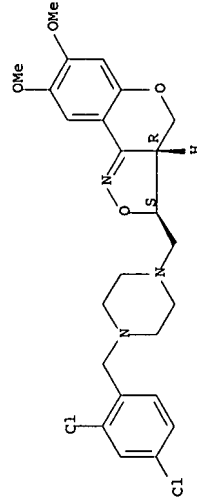


RN 452314-83-9 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(3,4-dimethoxyphenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (9CI) (CA INDEX NAME)



RN 452314-86-2 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2,4-dichlorophenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



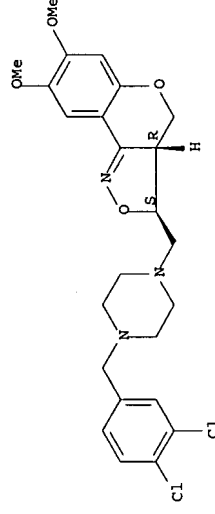
RN 452314-89-5 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(3,4-dichlorophenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

<12/04/2007>

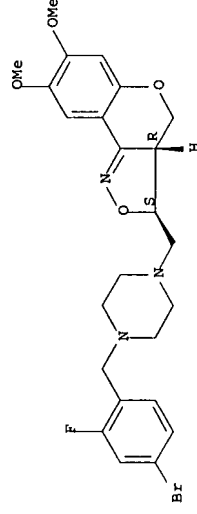
Erich Leese

10/513699



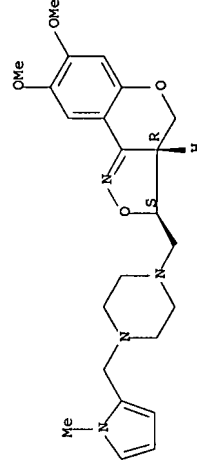
RN 452314-92-0 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(4-bromo-2-fluorophenyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452314-95-3 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(1-methyl-1H-pyrrrol-2-yl)methyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



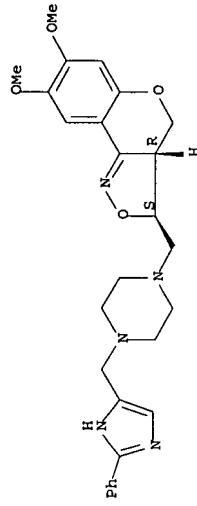
RN 452314-98-6 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2-phenyl-1H-imidazol-4-yl)methyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

<12/04/2007>

Erich Leese

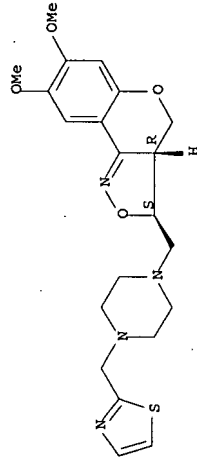
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Relative stereochemistry.



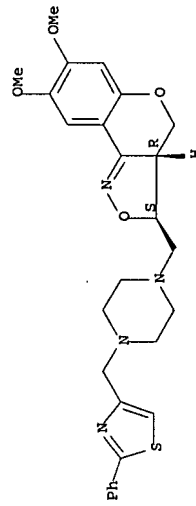
RN 452315-01-4 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(2-thiazolyl)methyl]-1-piperazinyl]methyl-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452315-04-7 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(2-phenyl-4-thiazolyl)methyl]-1-piperazinyl]methyl-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452315-07-0 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-(2-furanyl)methyl]-1-piperazinyl]methyl-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

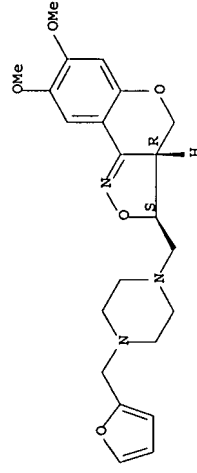
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Erich Leese

10/513699

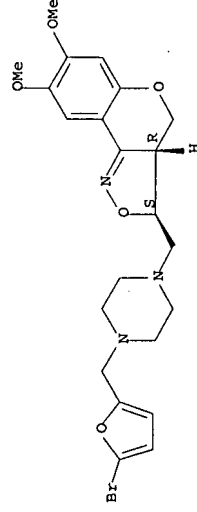
INDEX NAME)

Relative stereochemistry.



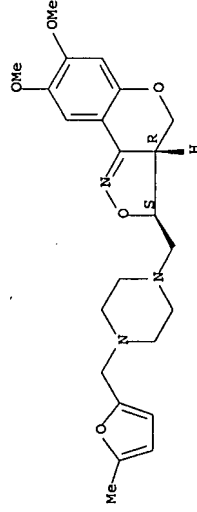
RN 452315-10-5 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(5-bromo-2-furanyl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452315-13-8 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(5-methyl-2-furanyl)methyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452315-16-1 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-(3-furanyl)methyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

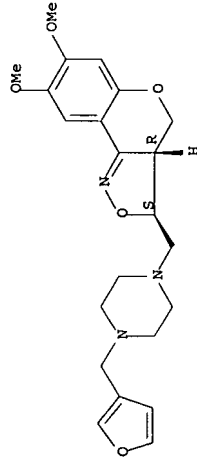
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Erich Leese

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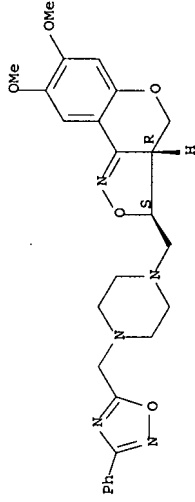
RN 452315-19-4 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-((3-piperazinyl)methyl)-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



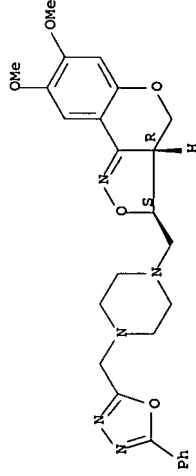
RN 452315-22-9 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-((3-phenyl-1,3,4-oxadiazol-2-yl)methyl)-1-piperazinyl)methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452315-24-1 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-((5-phenyl-1,3,4-oxadiazol-2-yl)methyl)-1-piperazinyl)methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452315-27-4 CAPLUS

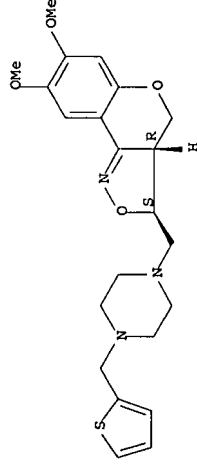
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Erich Leese

10/513699

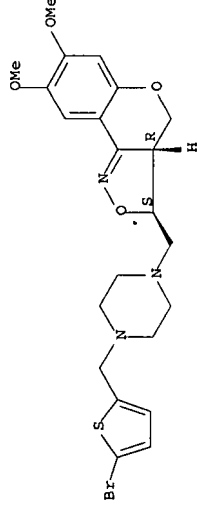
RN 452315-30-9 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-((4-bromo-2-thienyl)methyl)-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



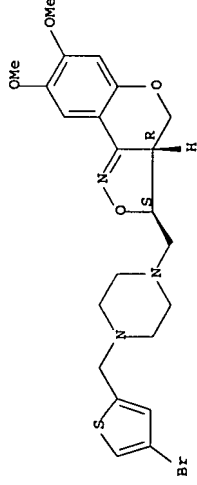
RN 452315-30-9 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-((5-bromo-2-thienyl)methyl)-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452315-30-9 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-((4-bromo-2-thienyl)methyl)-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



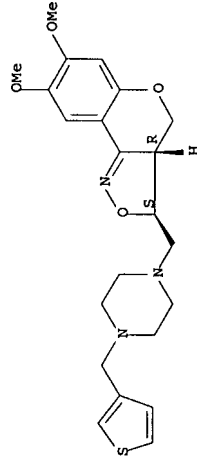
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Erich Leese

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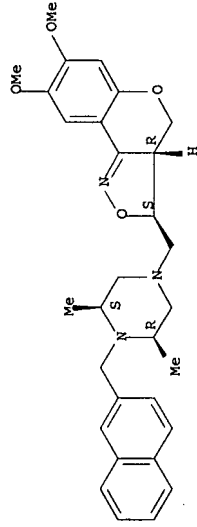
RN 452315-33-2 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(3-thienylmethyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



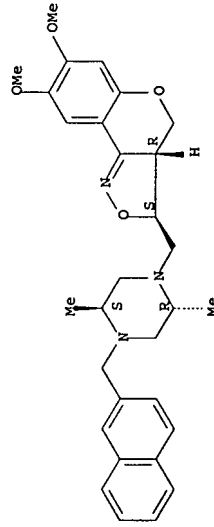
RN 452315-36-5 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[[(3R,5S)-3,5-dimethyl-4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452315-38-7 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[[(2R,5S)-2,5-dimethyl-4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3S,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



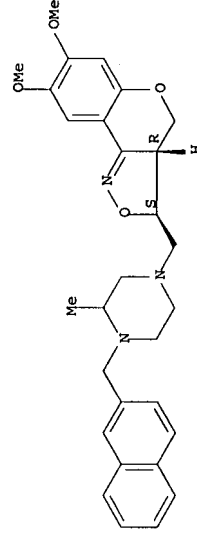
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Erich Leese

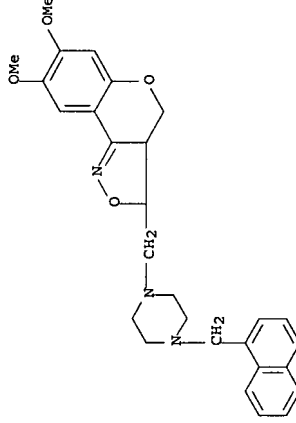
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RN 452315-40-1 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[3-methyl-4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452315-42-3 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(1-naphthalenylmethyl)-1-piperazinyl]methyl]- (9CI) (CA INDEX NAME)



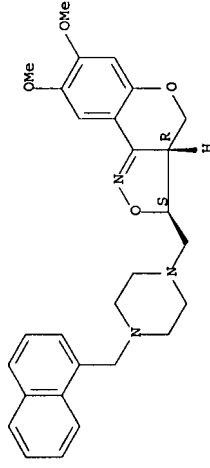
RN 452315-44-5 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(1-naphthalenylmethyl)-1-piperazinyl]methyl]-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

<12/04/2007>

Erich Leese

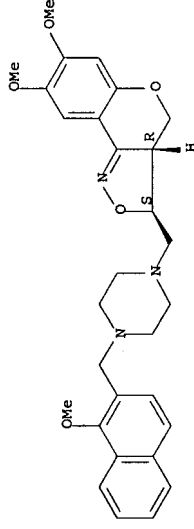
10/513699



● 2 HCl

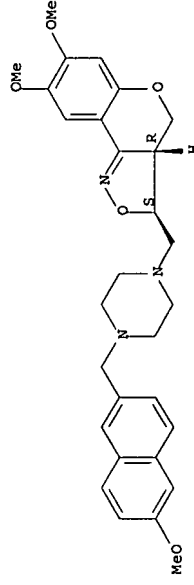
RN 452315-46-7 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(1-methoxy-2-naphthalenyl)methyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI)  
(CA INDEX NAME)

Relative stereochemistry.



RN 452315-48-9 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(6-methoxy-2-naphthalenyl)methyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI)  
(CA INDEX NAME)

Relative stereochemistry.



RN 452315-51-4 CAPLUS

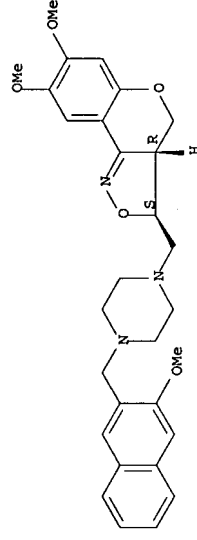
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Erich Leese

10/513699

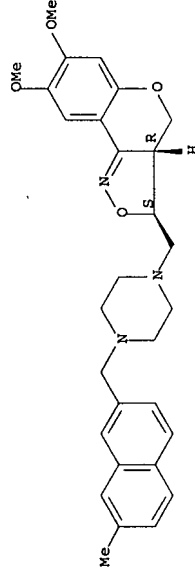
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(3-methoxy-2-naphthalenyl)methyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI)  
(CA INDEX NAME)

Relative stereochemistry.



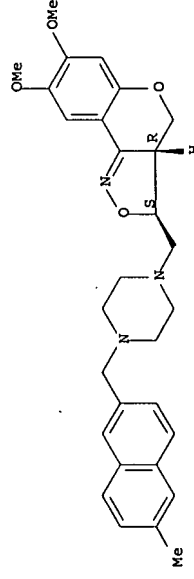
RN 452315-52-5 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(7-methyl-2-naphthalenyl)methyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI)  
(CA INDEX NAME)

Relative stereochemistry.



RN 452315-55-8 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(6-methyl-2-naphthalenyl)methyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI)  
(CA INDEX NAME)

Relative stereochemistry.



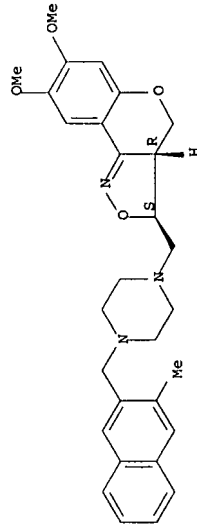
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Erich Leese

10/513699

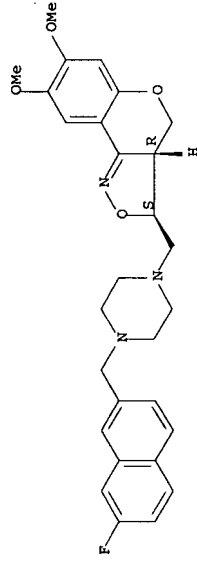
RN 452315-58-1 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-clisoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(3-methyl-2-naphthalenyl)methyl]-1-piperazinyl)methyl]-, (3R,3aS)-rel- (9CI)  
(CA INDEX NAME)

Relative stereochemistry.



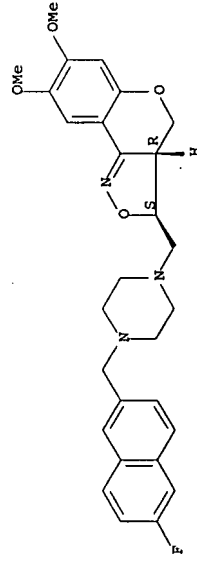
RN 452315-61-6 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-clisoxazole, 3-[[4-[(7-fluoro-2-naphthalenyl)methyl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI)  
(CA INDEX NAME)

Relative stereochemistry.



RN 452315-63-8 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-clisoxazole, 3-[[4-[(6-fluoro-2-naphthalenyl)methyl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI)  
(CA INDEX NAME)

Relative stereochemistry.



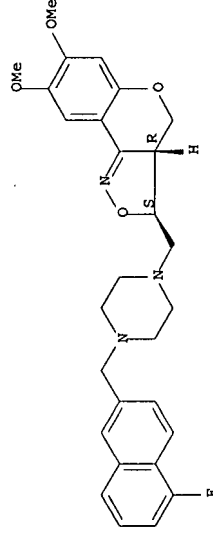
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Erich Leese

10/513699

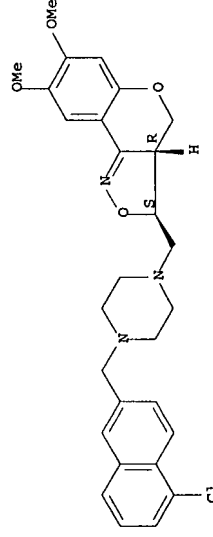
RN 452315-66-1 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-clisoxazole, 3-[[4-[(5-fluoro-2-naphthalenyl)methyl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI)  
(CA INDEX NAME)

Relative stereochemistry.



RN 452315-70-7 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-clisoxazole, 3-[[4-[(5-chloro-2-naphthalenyl)methyl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI)  
(CA INDEX NAME)

Relative stereochemistry.



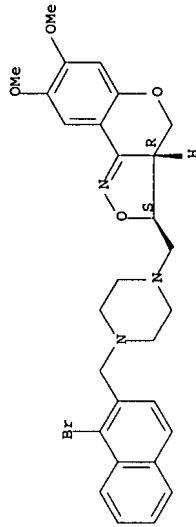
RN 452315-73-0 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-clisoxazole, 3-[[4-[(1-bromo-2-naphthalenyl)methyl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI)  
(CA INDEX NAME)

Relative stereochemistry.

<12/04/2007>

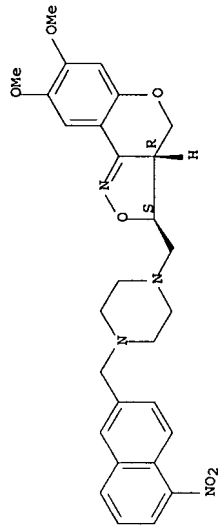
Erich Leese

10/513699



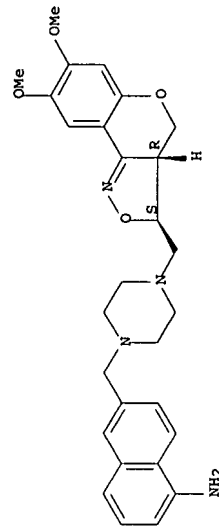
RN 452315-76-3 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(5-nitro-2-naphthalenyl)methyl]-1-piperazinyl)methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452315-79-6 CAPLUS  
CN 1-Naphthalenamine, 6-[[4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl)methyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



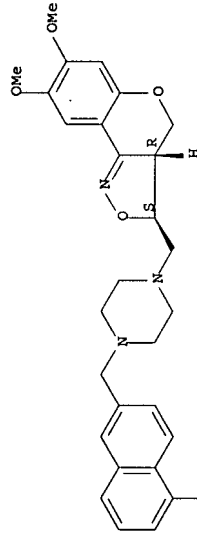
RN 452315-82-1 CAPLUS  
CN 1-Naphthalenamine, 6-[[4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl)methyl]-N,N-dimethyl-, rel- (9CI) (CA INDEX NAME)

<12/04/2007>

Erich Leese

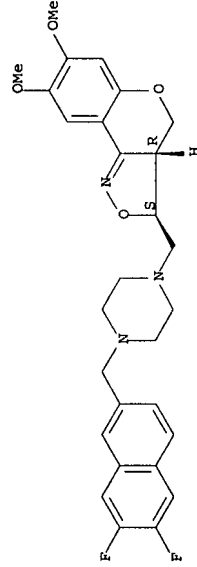
10/513699

Relative stereochemistry.



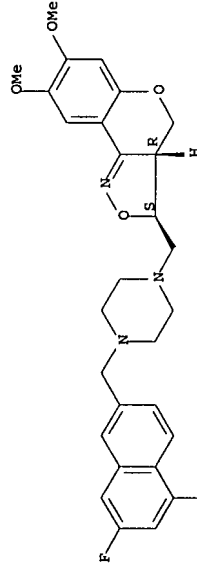
RN 452315-85-4 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(6,7-difluoro-2-naphthalenyl)methyl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452315-87-6 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(5,7-difluoro-2-naphthalenyl)methyl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452315-90-1 CAPLUS

<12/04/2007>

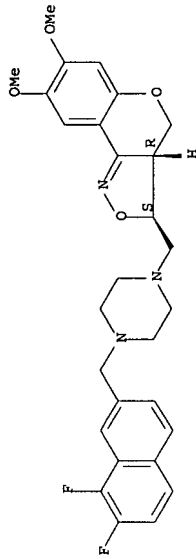
Erich Leese



10/513699

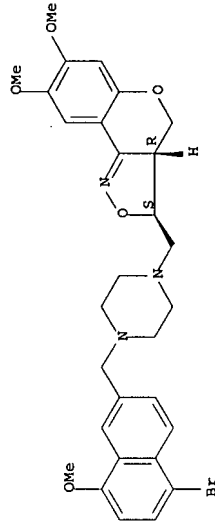
RN 452315-92-3 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(7,8-difluoro-2-naphthalenyl)methyl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



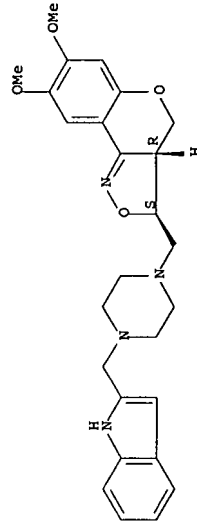
RN 452315-92-3 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(5-bromo-8-methoxy-2-naphthalenyl)methyl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452315-94-5 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-3-[[4-(1H-indol-2-ylmethyl)-1-piperazinyl)methyl]-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



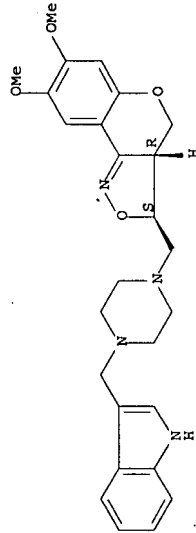
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Erich Leese

10/513699

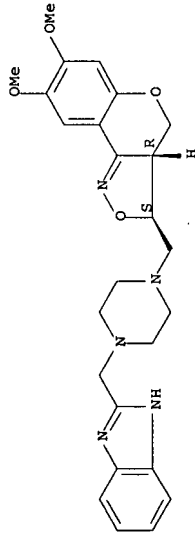
RN 452315-97-8 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-3-[[4-(1H-indol-3-ylmethyl)-1-piperazinyl)methyl]-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452316-00-6 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-(1H-benzimidazol-2-ylmethyl)-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



● 2 HCl

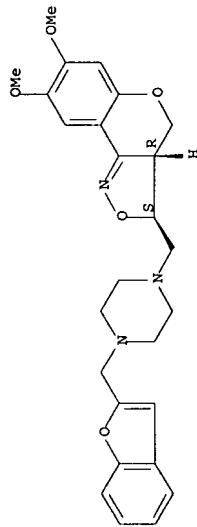
RN 452316-03-9 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-(2-benzofuranylmethyl)-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

<12/04/2007>

Erich Leese

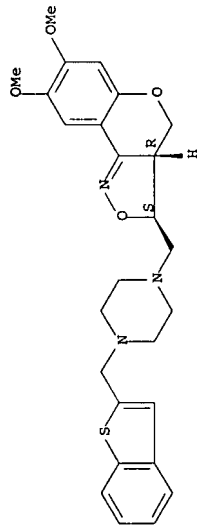
10/513699



● 2 HCl

RN 452316-06-2 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-(benzo[b]thien-2-ylmethyl)-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

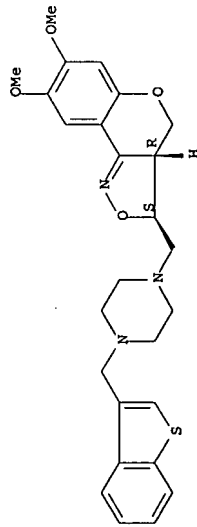
Relative stereochemistry.



● 2 HCl

RN 452316-09-5 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-(benzo[b]thien-3-ylmethyl)-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

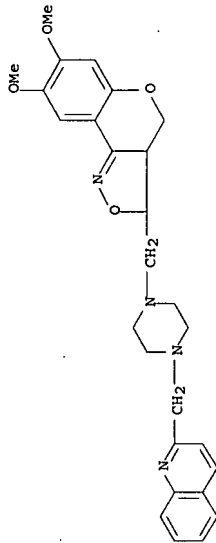


<12/04/2007>

Erich Leese

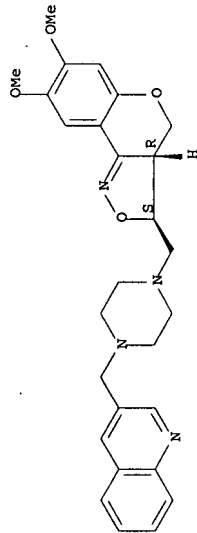
10/513699

RN 452316-12-0 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(2-quinolinylmethyl)-1-piperazinyl]methyl]- (9CI) (CA INDEX NAME)



RN 452316-15-3 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(3-quinolinylmethyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



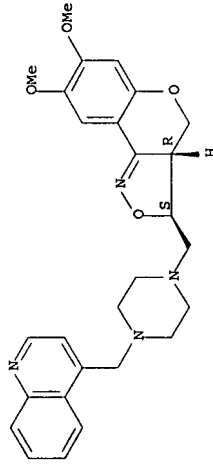
RN 452316-18-6 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(4-quinolinylmethyl)-1-piperazinyl]methyl]-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

<12/04/2007>

Erich Leese

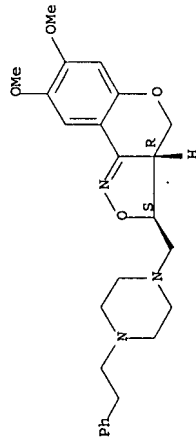
10/513699



● 2 HCl

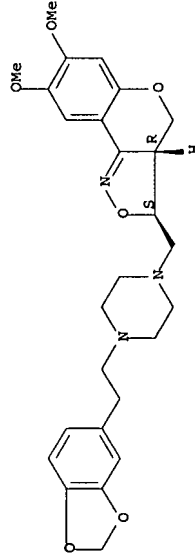
RN 452316-21-1 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(2-phenylethyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452316-24-4 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[2-(1,3-benzodioxol-5-yl)ethyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



● 2 HCl

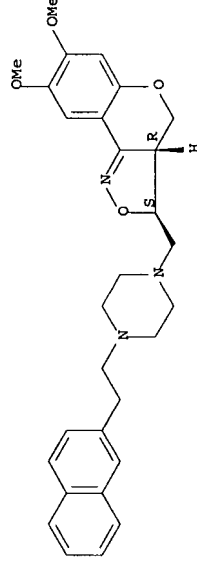
<12/04/2007>

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RN 452316-27-7 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(2-naphthalenyl)ethyl]-1-piperazinyl]methyl]-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

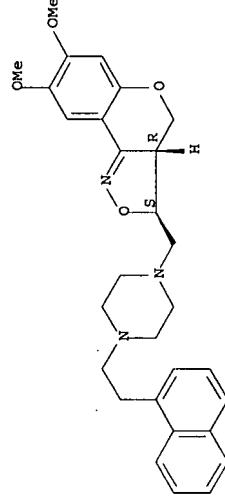
Relative stereochemistry.



● 2 HCl

RN 452316-30-2 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(1-naphthalenyl)ethyl]-1-piperazinyl]methyl]-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



● 2 HCl

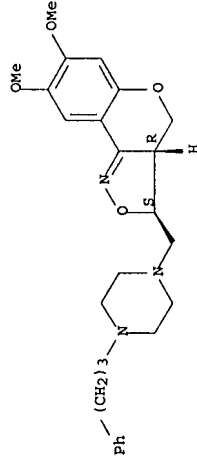
RN 452316-33-5 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(3-phenylpropyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

<12/04/2007>

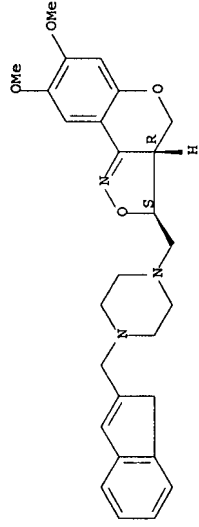
Erich Leese

10/513699



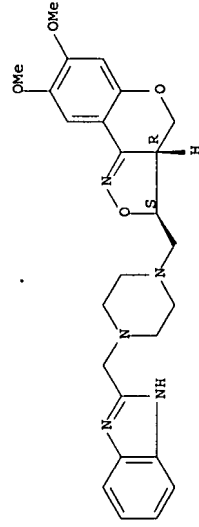
RN 452316-36-8 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-3-[[4-(1H-inden-2-ylmethyl)-1-piperazinyl]methyl]-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452316-39-1 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-(1H-benzimidazol-2-ylmethyl)-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



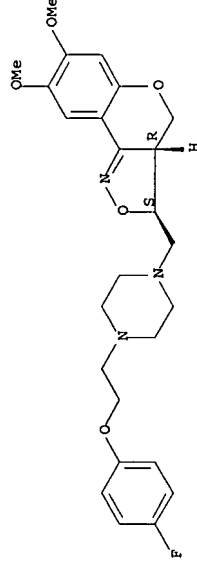
RN 452316-42-6 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-(2-(4-fluorophenoxy)ethyl)-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

<12/04/2007>

Erich Leese

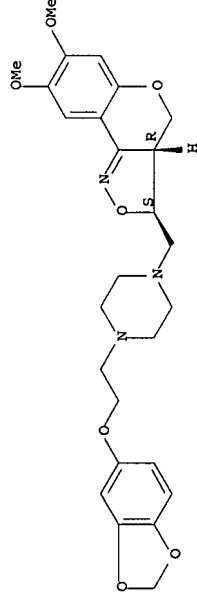
10/513699



● 2 HCl

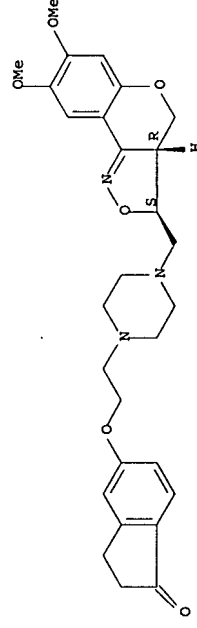
RN 452316-45-9 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-(2-(1,3-benzodioxol-5-yloxy)ethyl)-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452316-48-2 CAPLUS  
CN 1H-Inden-1-one, 5-[2-[4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]Benzopyrano[4,3-c]isoxazol-3-yl]methyl]-1-piperazinyl]ethoxy]-2,3-dihydro-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452316-51-7 CAPLUS

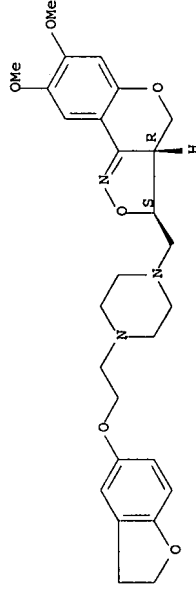
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Erich Leese

10/513699

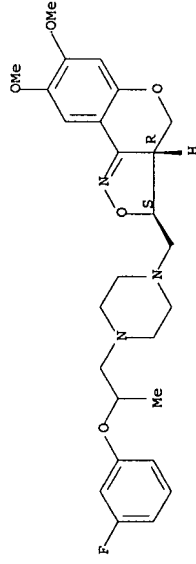
RN 452316-53-9 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[2-[(2,3-dihydro-5-benzofuran-2-yl)oxy]ethyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



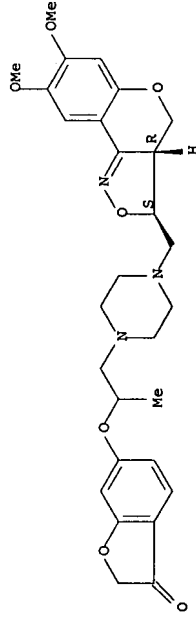
RN 452316-53-9 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[2-(3-fluorophenoxy)propyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452316-55-1 CAPLUS  
CN 3(2H)-Benzofuranone, 6-[2-[4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl]methyl]-1-piperazinyl]-1-methylethoxy]-1-methylethoxy]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



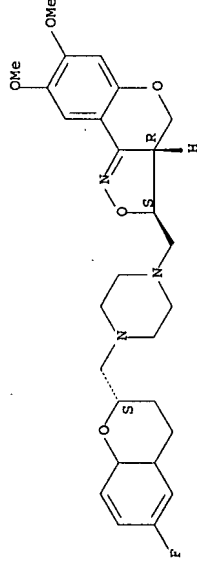
<12/04/2007>

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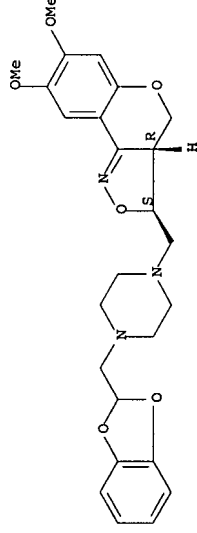
RN 452316-58-4 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[[[(2R)-6-fluoro-3,4,4a,8a-tetrahydro-2H-1-benzopyran-2-yl]methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



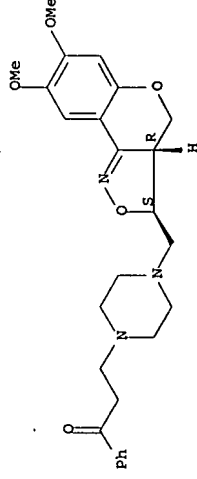
RN 452316-64-2 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(1,3-benzodioxol-2-yl)methyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452316-66-4 CAPLUS  
CN 1-Propanone, 3-[4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl]methyl]-1-piperazinyl]-1-phenyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



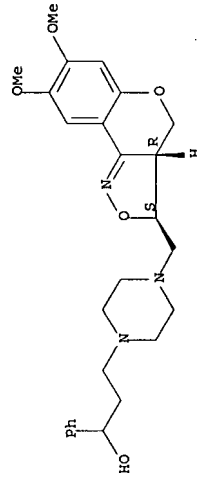
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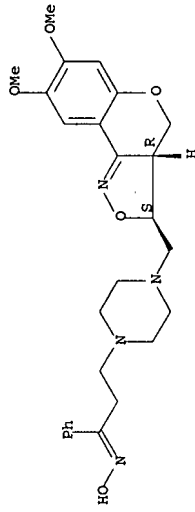
RN 452316-69-7 CAPLUS  
CN 1-piperazinepropanol, 4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]- $\alpha$ -phenyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452316-72-2 CAPLUS  
CN 1-Propanone, 3-[4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl]-1-phenyl]-, oxime, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.



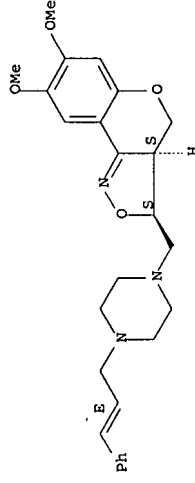
RN 452316-75-5 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl)methyl]-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.

<12/04/2007>

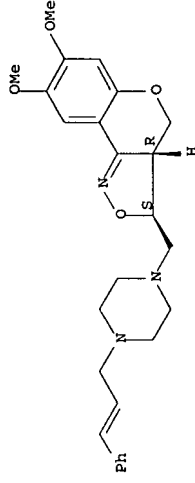
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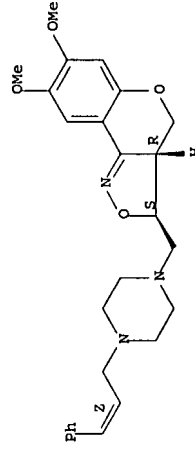
RN 452316-81-3 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(3-phenyl-2-propenyl)-1-piperazinyl)methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.



RN 452316-84-6 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2Z)-3-phenyl-2-propenyl]-1-piperazinyl)methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



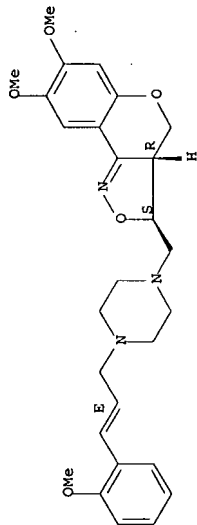
RN 452316-87-9 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(2-methoxyphenyl)-2-propenyl]-1-piperazinyl)methyl]-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

<12/04/2007>

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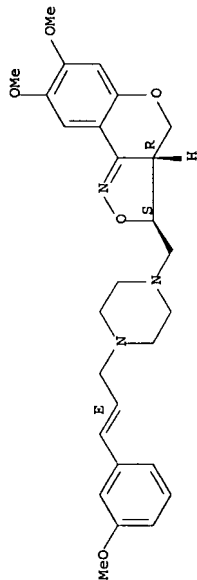
Relative stereochemistry.  
Double bond geometry as shown.



● 2 HCl

RN 452316-89-1 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(3-methoxyphenyl)-2-propenyl]-1-piperazinyl]methyl]-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



● 2 HCl

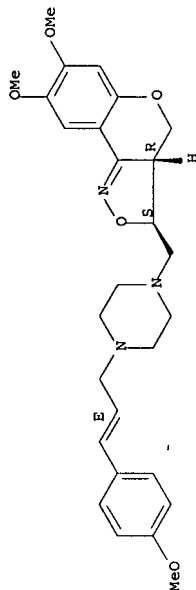
RN 452316-91-5 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(4-methoxyphenyl)-2-propenyl]-1-piperazinyl]methyl]-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.

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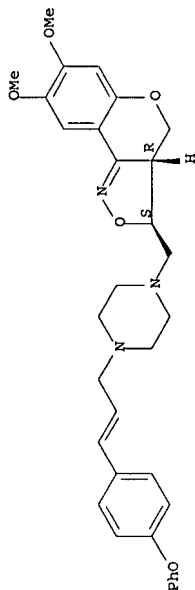
10/513699



● 2 HCl

RN 452316-93-7 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(4-methoxyphenyl)-2-propenyl]-1-piperazinyl]methyl]-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

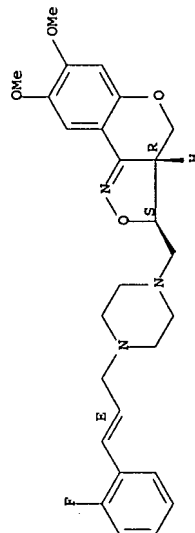
Relative stereochemistry.  
Double bond geometry unknown.



RN 452316-95-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(2-fluorophenyl)-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



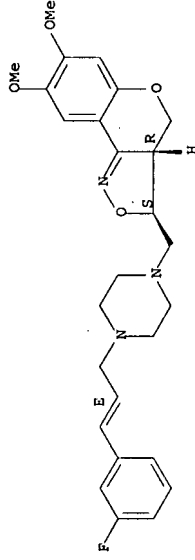
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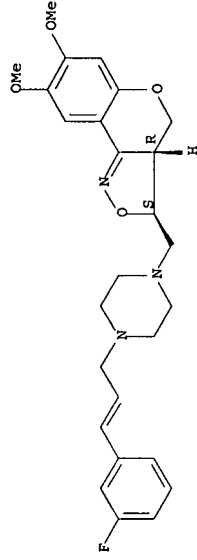
RN 452316-97-1 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(3-fluorophenyl)-2-propenyl]-1-piperazinylmethyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452316-99-3 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(3-fluorophenyl)-2-propenyl]-1-piperazinylmethyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

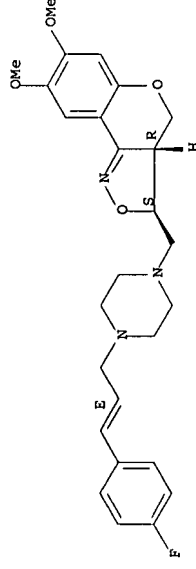
Relative stereochemistry.  
Double bond geometry unknown.



RN 452317-02-1 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-propenyl]-1-piperazinylmethyl]-3a,4-dihydro-7,8-dimethoxy-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.

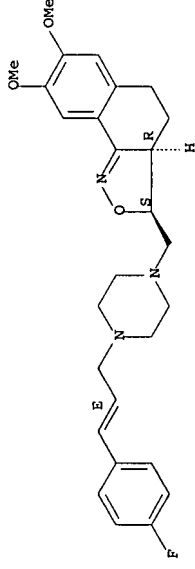
10/513699



• 2 HCl

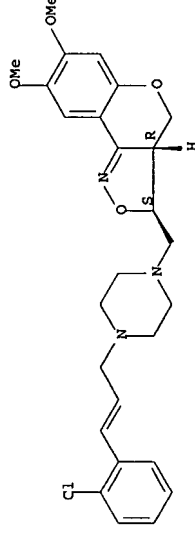
RN 452317-04-3 CAPLUS  
CN Naphth[1,2-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-propenyl]-1-piperazinylmethyl]-3a,4,5-tetrahydro-7,8-dimethoxy-, (3R,3aS)-rel- (+)- (9CI) (CA INDEX NAME)

Rotation (+). Absolute stereochemistry unknown.  
Double bond geometry as shown.



RN 452317-06-5 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(2-chlorophenyl)-2-propenyl]-1-piperazinylmethyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.



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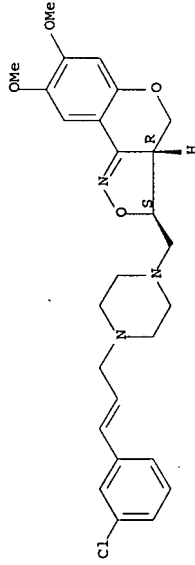
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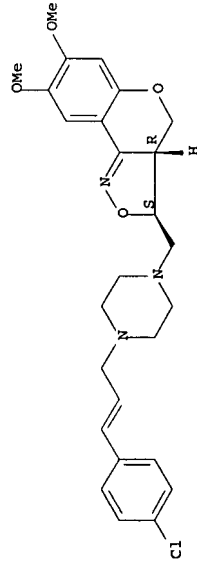
RN 452317-08-7 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(3-chlorophenyl)-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.



RN 452317-10-1 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(4-chlorophenyl)-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

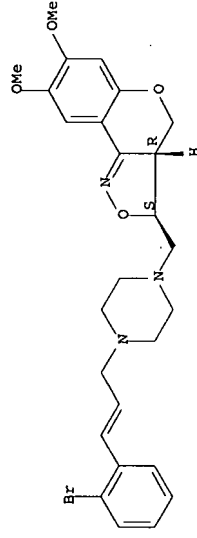
Relative stereochemistry.  
Double bond geometry unknown.



RN 452317-12-3 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(2-bromophenyl)-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

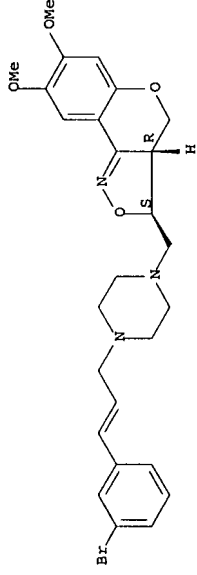
Relative stereochemistry.  
Double bond geometry unknown.

10/513699



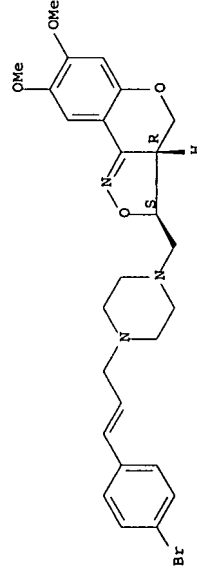
RN 452317-14-5 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(3-bromophenyl)-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.



RN 452317-16-7 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(4-bromophenyl)-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.



RN 452317-18-9 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[3-(2-(trifluoromethyl)phenyl)-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

<12/04/2007>

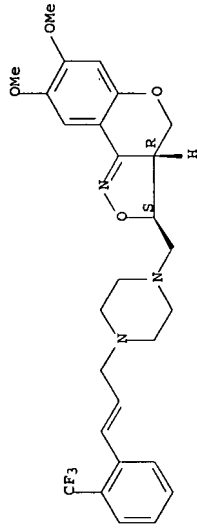
Erich Leese

<12/04/2007>

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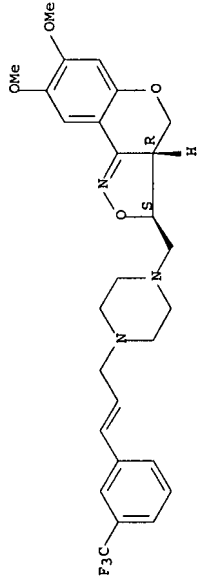
10/513699

Relative stereochemistry.  
Double bond geometry unknown.



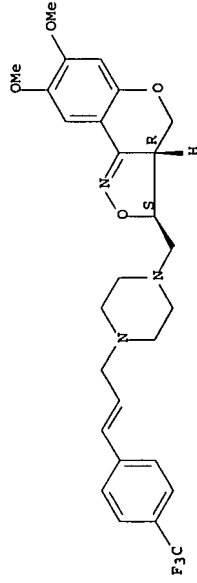
RN 452317-20-3 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-{3-[(trifluoromethyl)phenyl]-2-propenyl]-1-piperazinyl}methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.



RN 452317-22-5 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-{3-[(trifluoromethyl)phenyl]-2-propenyl]-1-piperazinyl}methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.



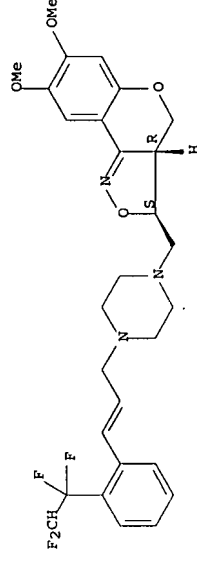
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10/513699

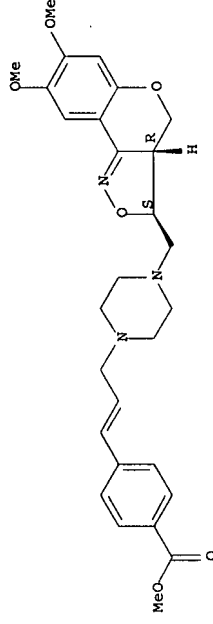
RN 452317-24-7 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-{3-[(1,1,2,2-tetrafluoroethyl)phenyl]-2-propenyl]-1-piperazinyl}methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.



RN 452317-26-9 CAPLUS  
CN Benzoic acid, 4-[3-{4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl]-1-propenyl]-methyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.



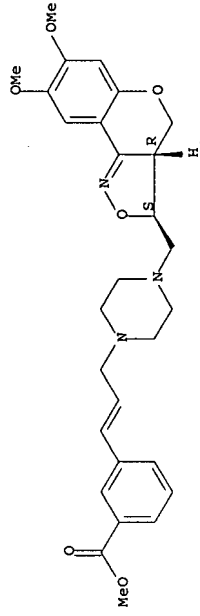
RN 452317-28-1 CAPLUS  
CN Benzoic acid, 3-[3-{4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl]-1-propenyl]-methyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.

<12/04/2007>

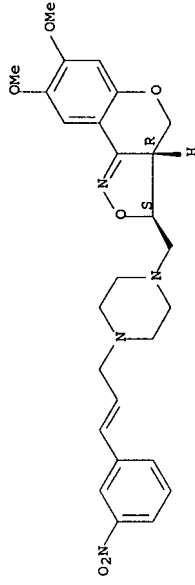
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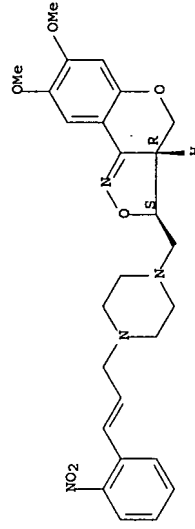
RN 452317-30-5 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[3-(3-nitrophenyl)-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.



RN 452317-32-7 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[3-(2-nitrophenyl)-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.



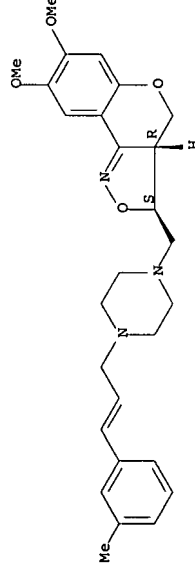
RN 452317-34-9 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[3-(4-nitrophenyl)-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

<12/04/2007>

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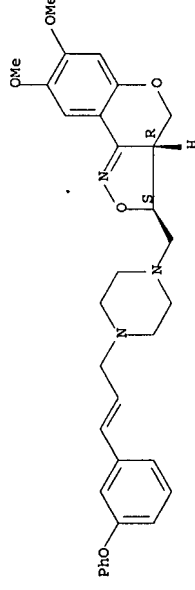
10/513699

Relative stereochemistry.  
Double bond geometry unknown.



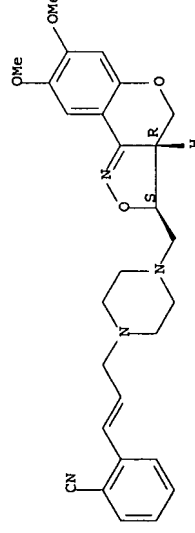
RN 452317-36-1 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[3-(3-phenoxyphenyl)-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.



RN 452317-38-3 CAPLUS  
CN Benzonitrile, 2-[3-[4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl]methyl]-1-piperazinyl]-1-propenyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.



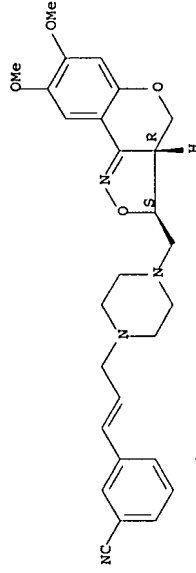
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10/513699

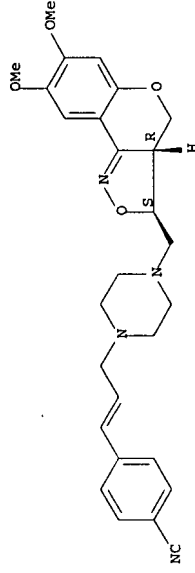
RN 452317-40-7 CAPLUS  
CN Benzonitrile, 3-([3-([4-([(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-  
[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl)-1-propenyl])-  
rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.



RN 452317-42-9 CAPLUS  
CN Benzonitrile, 4-([3-([4-([(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-  
[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-1-piperazinyl)-1-propenyl])-  
rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.



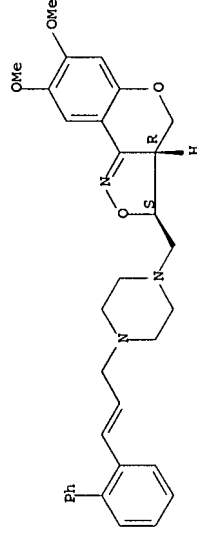
RN 452317-44-1 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-([4-([3-([1,1'-biphenyl]-2-yl-2-  
propenyl)-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel-  
(9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.

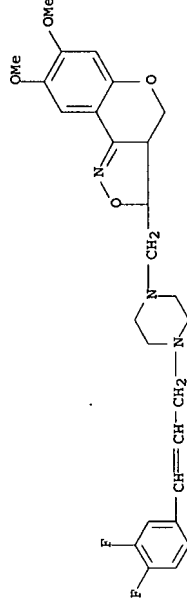
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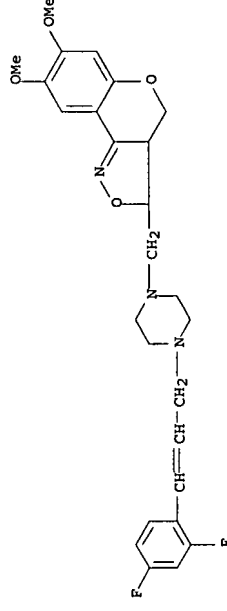
10/513699



RN 452317-46-3 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-([4-([3-([3,4-difluorophenyl]-2-  
propenyl)-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy- (9CI) (CA  
INDEX NAME)



RN 452317-48-5 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-([4-([3-([2,4-difluorophenyl]-2-  
propenyl)-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy- (9CI) (CA  
INDEX NAME)

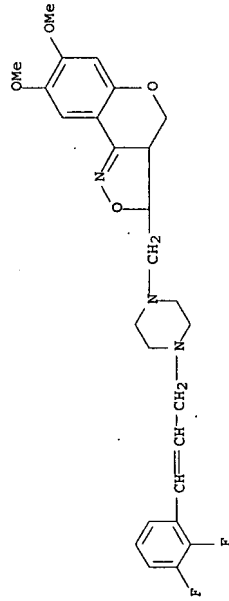


RN 452317-50-9 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-([4-([3-([2,3-difluorophenyl]-2-  
propenyl)-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy- (9CI) (CA  
INDEX NAME)

<12/04/2007>

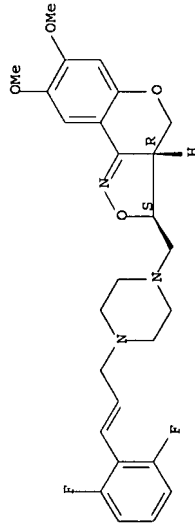
Erich Leese

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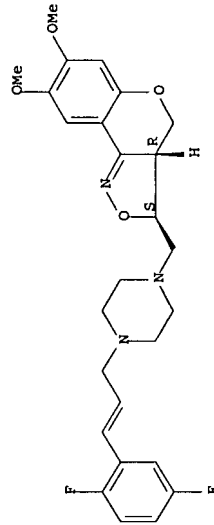
RN 452317-52-1 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(2,6-difluorophenyl)-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.



RN 452317-54-3 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(2,5-difluorophenyl)-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.



RN 452317-56-5 CAPLUS

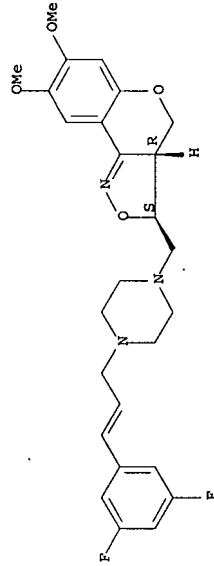
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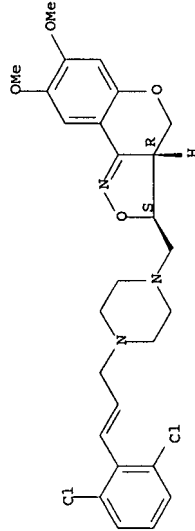
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(3,5-difluorophenyl)-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.



RN 452317-58-7 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(2,6-dichlorophenyl)-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.

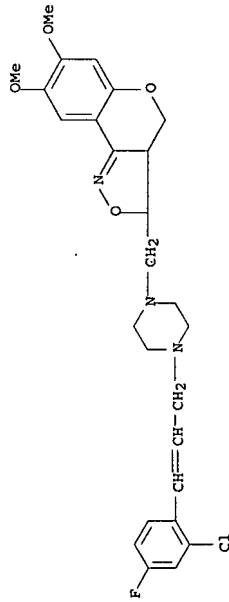


RN 452317-60-1 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(2-chloro-4-fluorophenyl)-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

<12/04/2007>

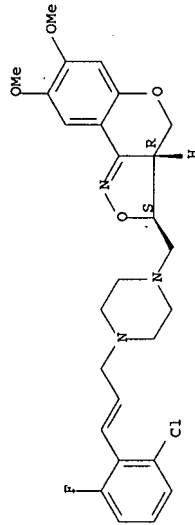
Erich Leese

10/513699



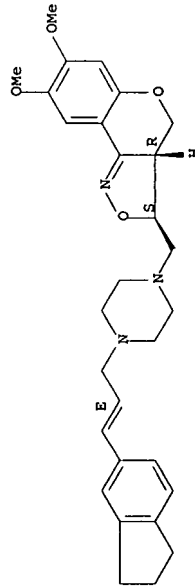
RN 452317-64-5 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(2-chloro-6-fluorophenyl)-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.



RN 452317-67-8 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(2,3-dihydro-1H-inden-5-yl)-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452317-69-0 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(2,3-dihydro-1,4-benzodioxin-6-yl)-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI)

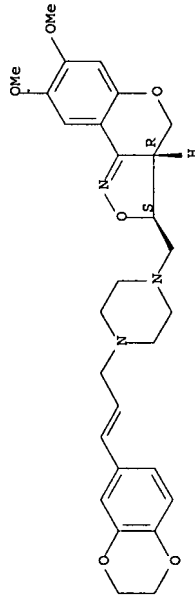
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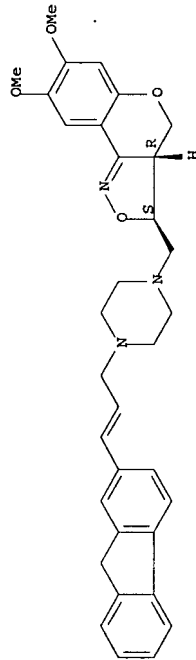
yl)-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.



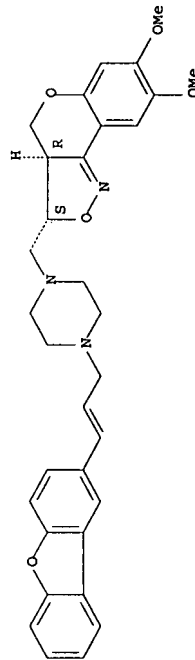
RN 452317-71-4 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(9H-fluoren-2-yl)-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.



RN 452317-73-6 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(2-dibenzofuranyl)-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.



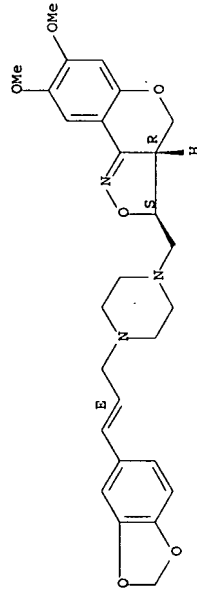
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Erich Leese

10/513699

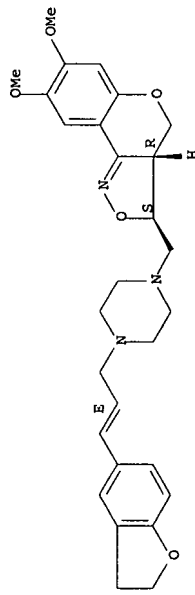
RN 452317-76-9 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(1,3-benzodioxol-5-yl)-2-propenyl]-1-piperazinylmethyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452317-79-2 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(2,3-dihydro-5-benzofuran-2-yl)-2-propenyl]-1-piperazinylmethyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



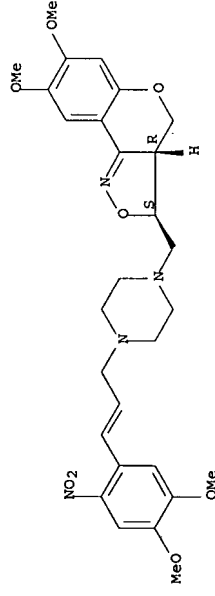
RN 452317-82-7 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(4,5-dimethoxy-2-nitrophenyl)-2-propenyl]-1-piperazinylmethyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.

<12/04/2007>

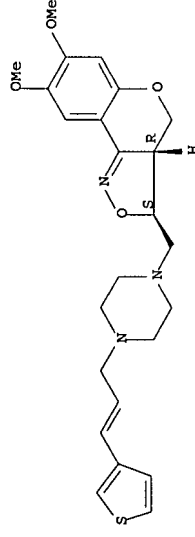
Erich Leese

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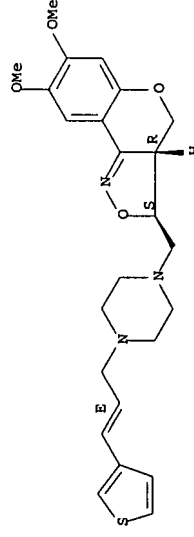
RN 452317-84-9 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[3-(3-thienyl)-2-propenyl]-1-piperazinylmethyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.



RN 452317-86-1 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(3-thienyl)-2-propenyl]-1-piperazinylmethyl]-, (3R,3aS)-rel- (+)- (9CI) (CA INDEX NAME)

Rotation (+). Absolute stereochemistry unknown.  
Double bond geometry as shown.



RN 452317-89-4 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(3-thienyl)-2-propenyl]-1-piperazinylmethyl]-, (3R,3aS)-rel- (-)- (9CI)

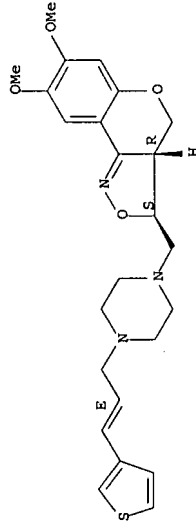
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(CA INDEX NAME)

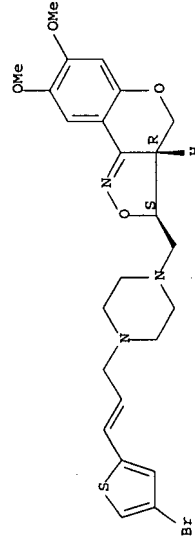
Rotation (-). Absolute stereochemistry unknown.  
Double bond geometry as shown.



RN 452317-92-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(4-bromo-2-thienyl)-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

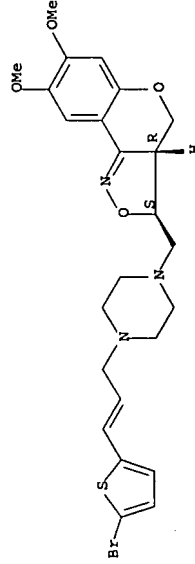
Relative stereochemistry.  
Double bond geometry unknown.



RN 452317-94-1 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(5-bromo-2-thienyl)-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.



<12/04/2007>

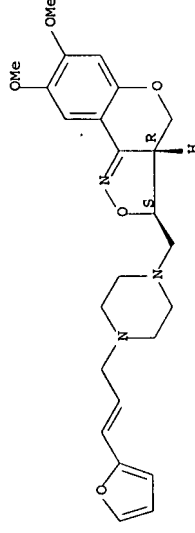
Erich Leese

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RN 452317-96-3 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(2-furanyl)-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

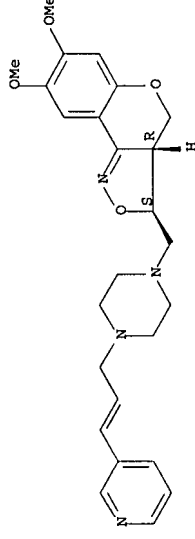
Relative stereochemistry.  
Double bond geometry unknown.



RN 452317-99-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[3-(pyridinyl)-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.



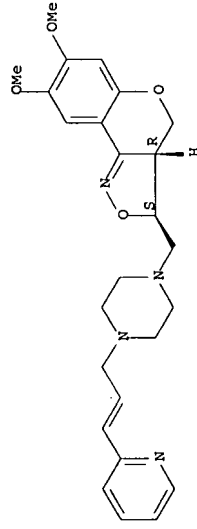
RN 452318-02-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[3-(pyridinyl)-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.

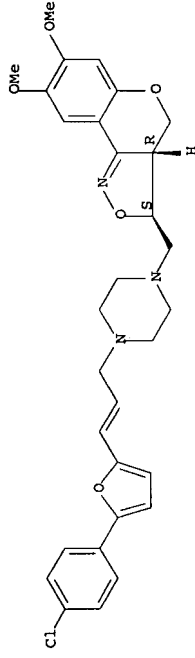


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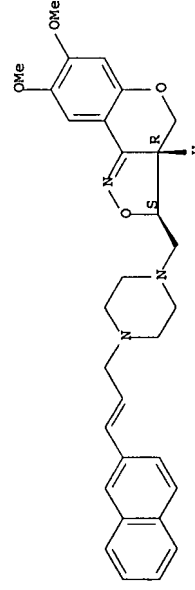
RN 452318-04-6 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[(4-[3-[5-(4-chlorophenyl)-2-furanyl]-2-propenyl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.



RN 452318-07-9 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[(4-[3-(2-naphthalenyl)-2-propenyl]-1-piperazinyl)methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.



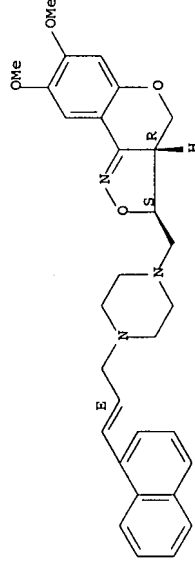
RN 452318-09-1 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[(4-[(2E)-3-(1-naphthalenyl)-2-propenyl]-1-piperazinyl)methyl]-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

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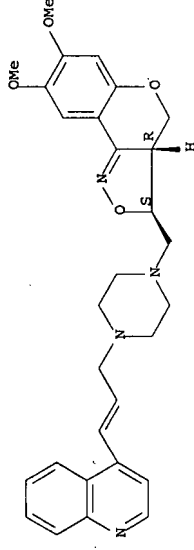
Relative stereochemistry.  
Double bond geometry as shown.



● 2 HCl

RN 452318-11-5 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[(4-[3-(4-quinolinyl)-2-propenyl]-1-piperazinyl)methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.



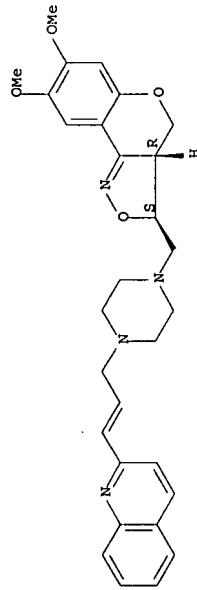
RN 452318-13-7 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[(4-[3-(2-quinolinyl)-2-propenyl]-1-piperazinyl)methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.

<12/04/2007>

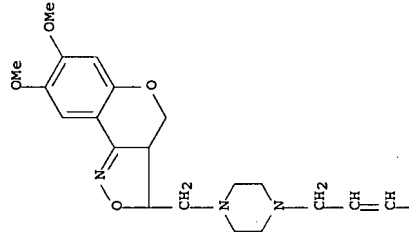
Erich Leese

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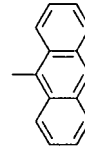


RN 452318-15-9 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(9-anthracenyl)-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy- (9CI) (CA INDEX NAME)

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RN 452318-18-2 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-1-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI)

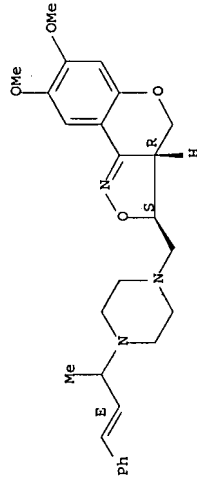
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10/513699

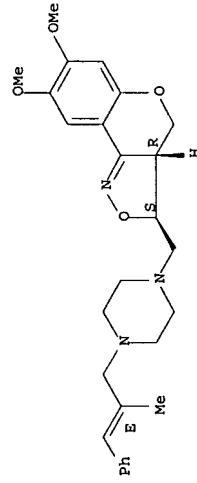
(CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452318-20-6 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (+)- (9CI) (CA INDEX NAME)

Rotation (+). Absolute stereochemistry unknown.  
Double bond geometry as shown.



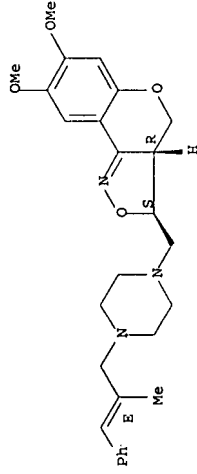
RN 452318-22-8 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.

<12/04/2007>

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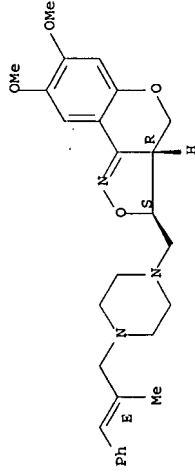
10/513699



● 2 HCl

RN 452318-24-0 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel-(-)- (9CI) (CA INDEX NAME)

Rotation (-). Absolute stereochemistry unknown.  
Double bond geometry as shown.



RN 452318-27-3 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel-, (2E)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

CM 1

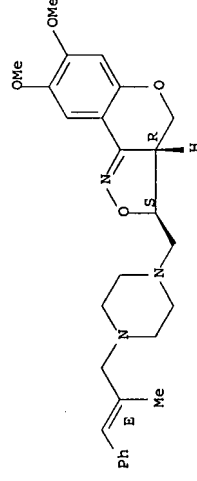
CRN 452318-26-2  
CMF C27 H33 N3 O4

Relative stereochemistry.  
Double bond geometry as shown.

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CM 2

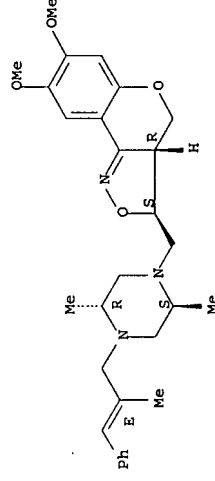
CRN 452318-30-8 CAPLUS  
CMF C4 H4 O4

Double bond geometry as shown.



RN 452318-30-8 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[{(2R,5S)-2,5-dimethyl-4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452318-32-0 CAPLUS

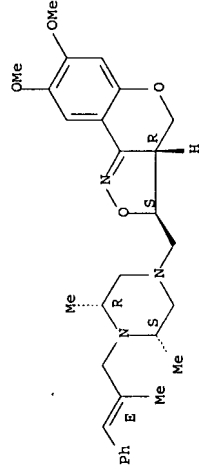
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[{(3R,5S)-3,5-dimethyl-4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.

<12/04/2007>

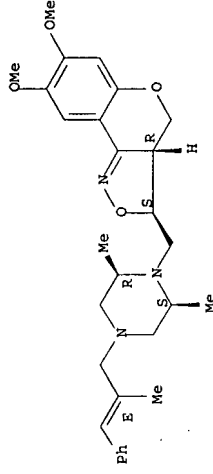
Erich Leese

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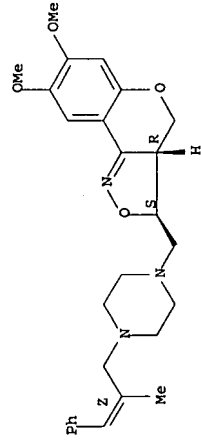
RN 452318-34-2 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-(2,6-dimethyl-4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452318-36-4 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2Z)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl)methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.

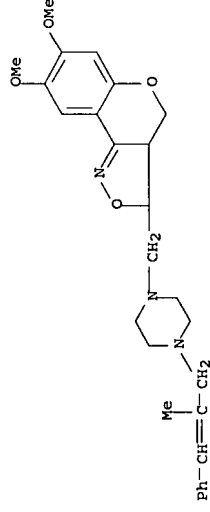


RN 452318-38-6 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(2-methyl-3-phenyl-2-propenyl)-1-piperazinyl)methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

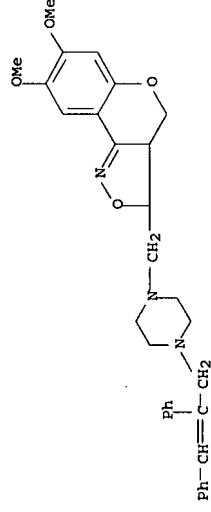
<12/04/2007>

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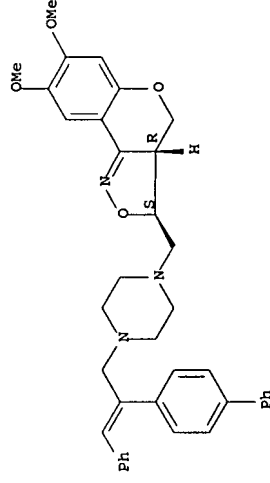


RN 452318-41-1 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-(2,3-diphenyl-2-propenyl)-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy- (9CI) (CA INDEX NAME)



RN 452318-43-3 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-(2-(1,1'-biphenyl)-4-yl-3-phenyl-2-propenyl)-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.



<12/04/2007>

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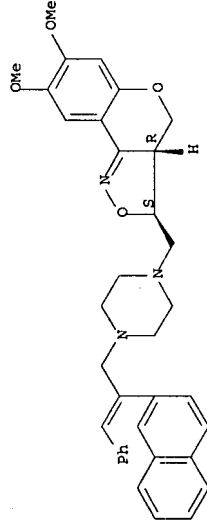
10/513699

RN 452318-45-5 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[2-(2-naphthalenyl)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry unknown.

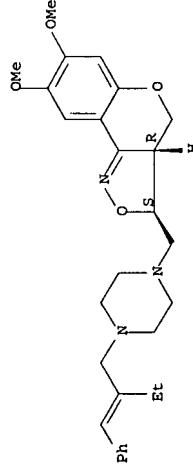


RN 452318-47-7 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[2-(phenylmethylene)butyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry unknown.



RN 452318-49-9 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-2-(phenylmethylene)heptyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

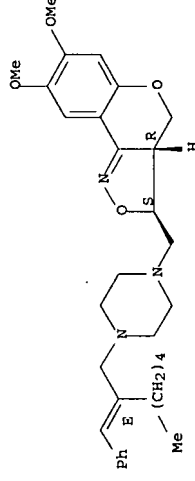
Relative stereochemistry.

Double bond geometry as shown.

<12/04/2007>

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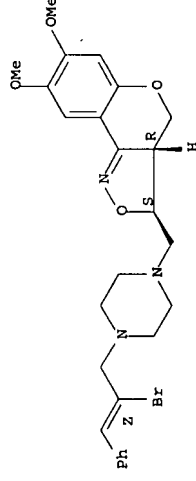


RN 452318-52-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2Z)-2-bromo-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

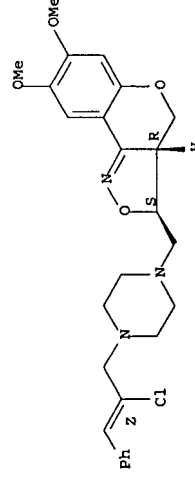


RN 452318-54-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2Z)-2-chloro-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



RN 452318-57-9 CAPLUS

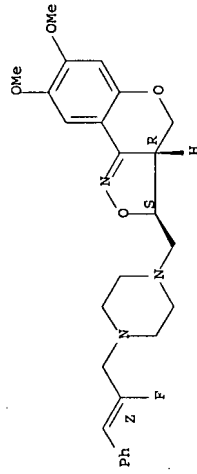
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2Z)-2-fluoro-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

<12/04/2007>

Erich Leese

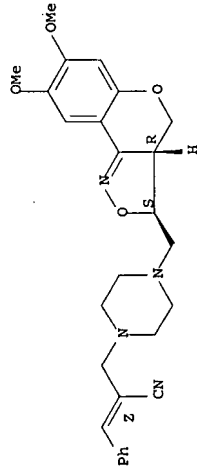
10/513699

Relative stereochemistry.  
Double bond geometry as shown.



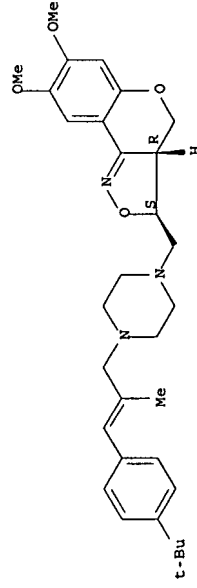
RN 452318-60-4 CAPLUS  
CN 1-piperazinepropanenitrile, 4-[[4-[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-2-phenylmethylene]-, (2Z)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452318-63-7 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-[4-(1,1-dimethylethyl)phenyl]-2-methyl-2-propenyl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.



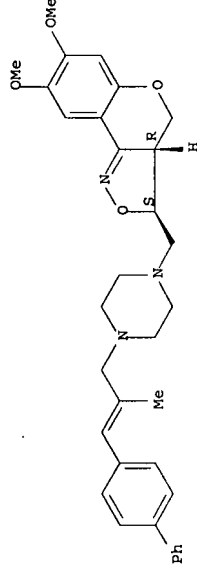
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10/513699

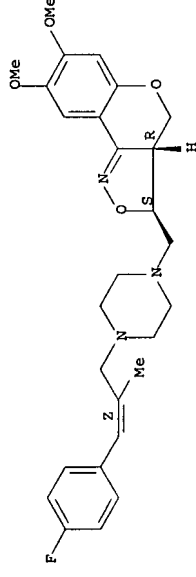
RN 452318-65-9 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-[1,1'-biphenyl]-4-yl-2-methyl-2-propenyl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.



RN 452318-67-1 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[4-[(2Z)-3-(4-fluorophenyl)-2-methyl-2-propenyl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



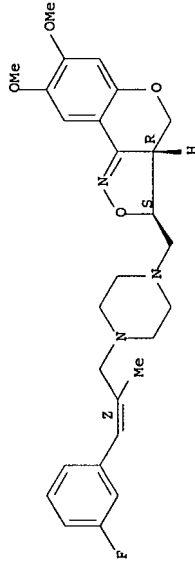
RN 452318-69-3 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[4-[(2Z)-3-(3-fluorophenyl)-2-methyl-2-propenyl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.

<12/04/2007>

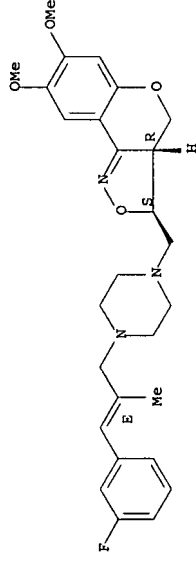
Erich Leese

10/513699



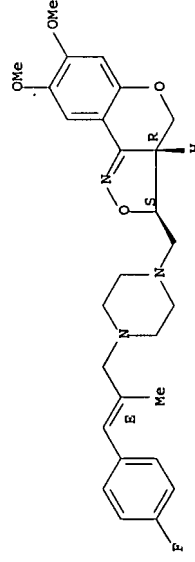
RN 452318-71-7 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(3-fluorophenyl)-2-methyl-2-propenyl]-1-piperazinylmethyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452318-73-9 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propenyl]-1-piperazinylmethyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



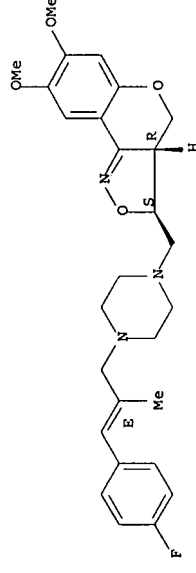
RN 452318-75-1 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propenyl]-1-piperazinylmethyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

<12/04/2007>

Erich Leese

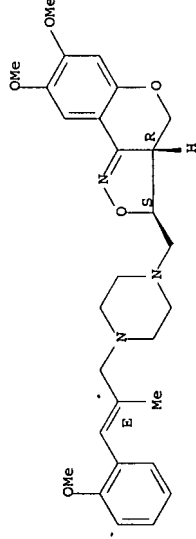
10/513699

Rotation (-). Absolute stereochemistry unknown.  
Double bond geometry as shown.



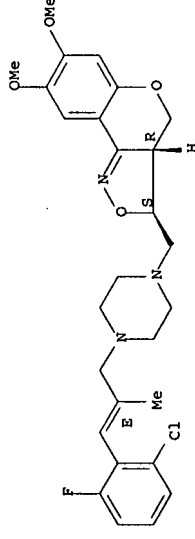
RN 452318-77-3 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(2-methoxyphenyl)-2-methyl-2-propenyl]-1-piperazinylmethyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452318-79-5 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(2-chloro-6-fluorophenyl)-2-methyl-2-propenyl]-1-piperazinylmethyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



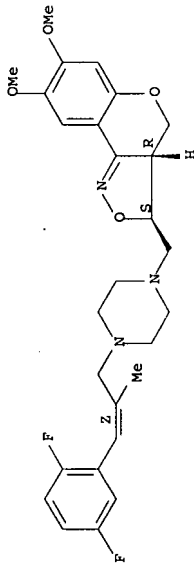
<12/04/2007>

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10/513699

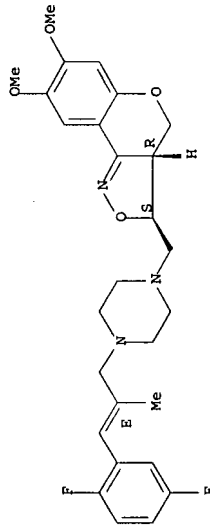
RN 452318-81-9 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2Z)-3-(2,5-difluorophenyl)-2-methyl-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452318-83-1 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(2,5-difluorophenyl)-2-methyl-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



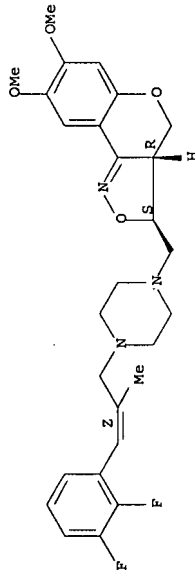
RN 452318-85-3 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2Z)-3-(2,3-difluorophenyl)-2-methyl-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.

<12/04/2007>

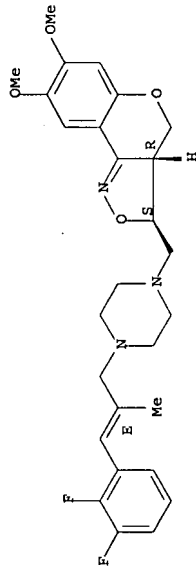
Erich Leese

10/513699



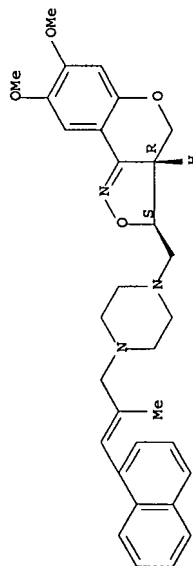
RN 452318-87-5 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(2,3-difluorophenyl)-2-methyl-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452318-89-7 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[[2-methyl-3-(1-naphthalenyl)-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.



RN 452318-91-1 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2H-1-benzopyran-3-ylmethyl)-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

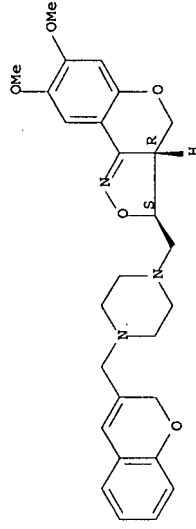
<12/04/2007>

Erich Leese



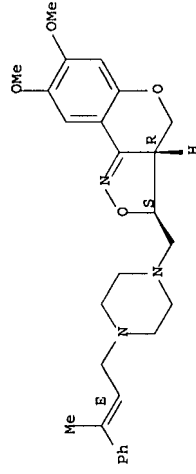
10/513699

Relative stereochemistry.



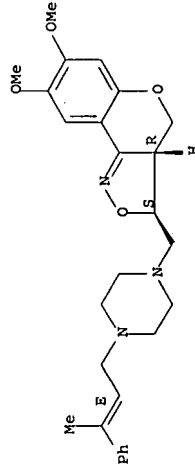
RN 452318-93-3 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-phenyl-2-butenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (+)- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452318-95-5 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-phenyl-2-butenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (+)- (9CI) (CA INDEX NAME)

Rotation (+). Absolute stereochemistry unknown.  
Double bond geometry as shown.



RN 452318-97-7 CAPLUS

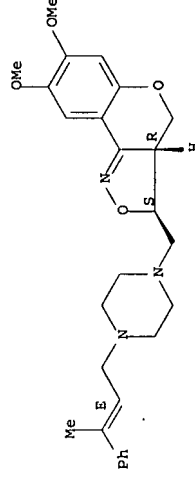
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10/513699

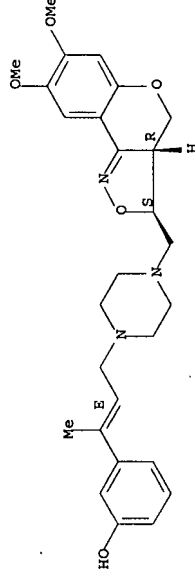
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-phenyl-2-butenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (-)- (9CI) (CA INDEX NAME)

Rotation (-). Absolute stereochemistry unknown.  
Double bond geometry as shown.



RN 452318-99-9 CAPLUS  
CN Phenol, 3-[[4-[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl]methyl]-1-piperazinyl]-1-methyl-1-propenyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



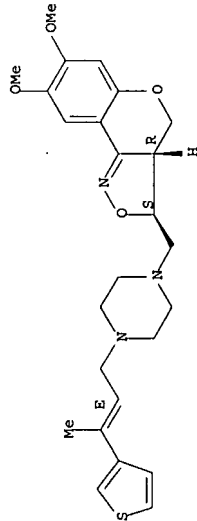
RN 452319-01-6 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(3-thienyl)-2-butenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.

<12/04/2007>

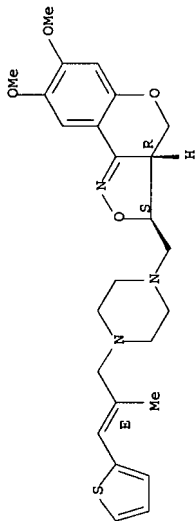
Erich Leese

10/513699



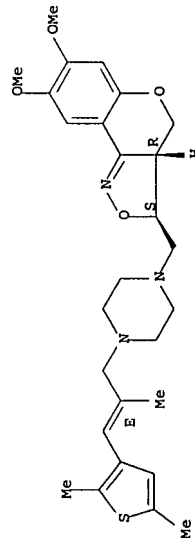
RN 452319-03-8 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-(2-thienyl)-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452319-05-0 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(2,5-dimethyl-3-thienyl)-2-methyl-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



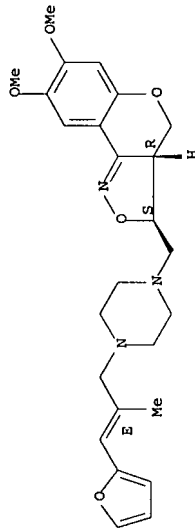
RN 452319-07-2 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(2-furanyl)-2-methyl-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

<12/04/2007>

Erich Leese

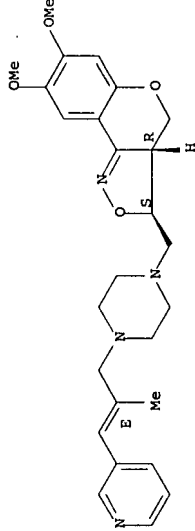
10/513699

Relative stereochemistry.  
Double bond geometry as shown.



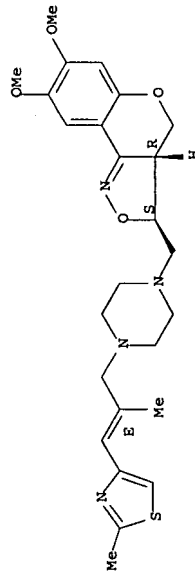
RN 452319-09-4 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-(3-pyridinyl)-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452319-11-8 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-2-methyl-3-(2-methyl-4-thiazolyl)-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



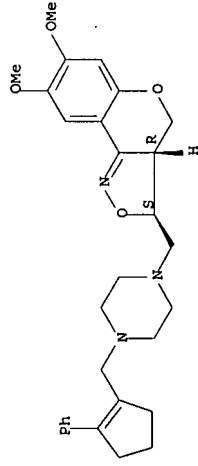
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10/513699

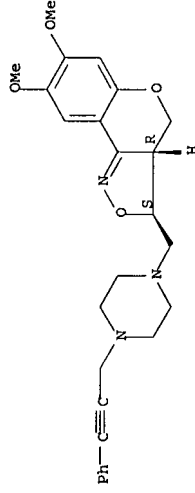
RN 452319-13-0 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2-phenyl-1-cyclopenten-1-yl)methyl]-1-piperazinyl)methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452319-15-2 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-(3-phenyl-2-propynyl)-1-piperazinyl)methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

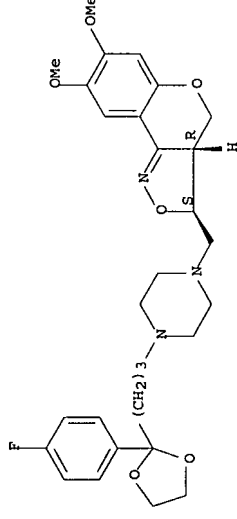
Relative stereochemistry.



RN 452319-17-4 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-[2-(4-fluorophenyl)-1,3-dioxolan-2-yl]propyl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

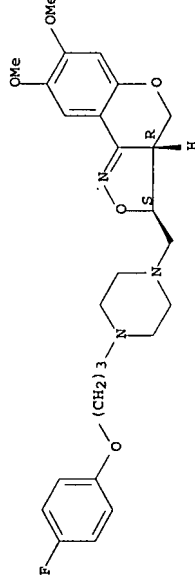
Relative stereochemistry.

10/513699



RN 452319-20-9 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[3-(4-fluorophenoxy)propyl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

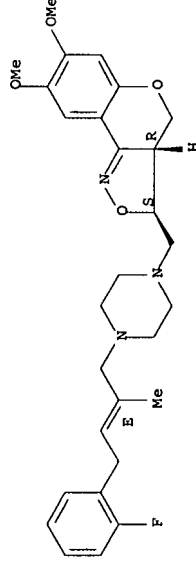
Relative stereochemistry.



RN 452319-22-1 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-4-(2-fluorophenyl)-2-methyl-2-butenyl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



RN 452319-24-3 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E,4E)-5-phenyl-2,4-pentadienyl]-1-piperazinyl)methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

<12/04/2007>

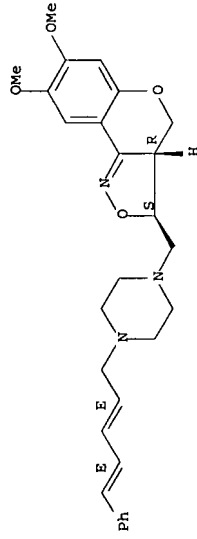
Erich Leese

Erich Leese

10/513699

(9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.

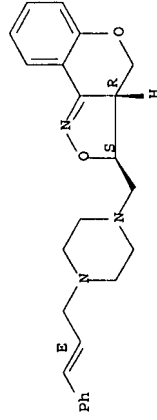


RN 452319-25-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

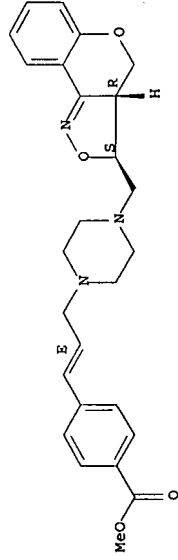


RN 452319-27-6 CAPLUS

CN Benzoic acid, 4-[[4-[(1E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, methyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



RN 452319-29-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 7-fluoro-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI)

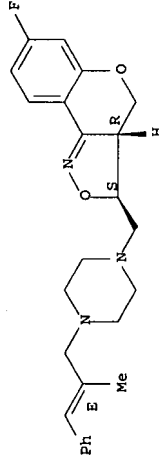
<12/04/2007>

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(CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.

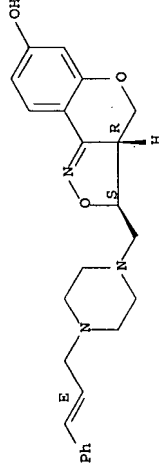


RN 452319-31-2 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-ol, 3a,4-dihydro-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

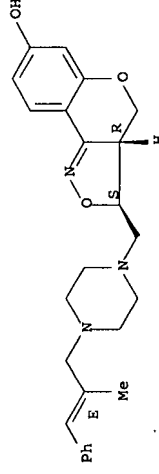


RN 452319-33-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-ol, 3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



RN 452319-35-6 CAPLUS

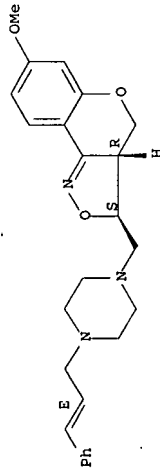
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7-methoxy-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

<12/04/2007>

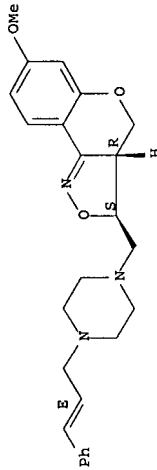
Erich Leese

Double bond geometry as shown.



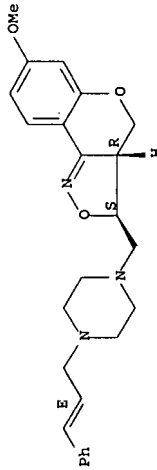
RN	452319-37-8	CAPLUS
CN	3-[1]Benzopyrano[4,3-c]isoxazole, 3a, 4-dihydro-7-methoxy-3-[(4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl)methyl]-, dihydrochloride, (3R,3aS)-rel-(+)- (9CI) (CA INDEX NAME)	

Rotation (+). Absolute stereochemistry unknown. Double bond geometry as shown.


$$2 \text{ HCl}$$

452319-39-0 CAPLUS  
3R-[1]benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7-methoxy-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, dihydrochloride,  
(3R,3aS)-rel-(-)-(9CI) (CA INDEX NAME)

Rotation (-). Absolute stereochemistry unknown.  
Double bond geometry as shown.

 $2 \text{ HCl}$ 

<12/04/2007>

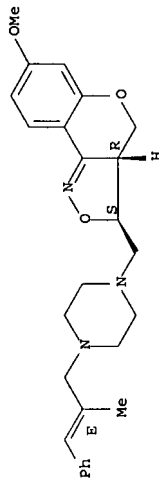
**Erich Leese**

<12/04/2007>

RN 452319-41-4 CAPLUS

3H-[1]Benzopyrano[4,3-c]isoxazole, 3a, 4-dihydro-7-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI)  
(CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



IT	452319-43-6P	453319-45-8P	452319-47-0P
	452319-49-2P	453319-51-6P	452319-53-8P
	452319-55-0P	453319-57-2P	452319-59-4P
	452319-61-8P	453319-63-0P	452319-65-2P
	452319-67-4P	453319-69-6P	452319-71-0P
	452319-73-2P	453319-75-4P	452319-77-6P
	452319-78-7P	453319-80-1P	452319-81-2P
	452319-83-4P	453319-85-6P	452319-87-8P
	452319-89-0P	453319-91-4P	452319-93-6P
	452319-95-8P	453319-97-0P	452319-99-2P
	452320-01-3P	453320-03-5P	452320-06-8P
	452320-07-9P	453320-09-1P	452320-11-5P
	452320-13-7P	453320-15-9P	452320-17-1P
	452320-19-5P	453320-21-7P	452320-23-9P
	452320-25-1P	453320-27-3P	452320-29-5P
	452320-31-9P	453320-33-2P	452320-36-4P
	452320-38-6P	453320-40-0P	452320-42-2P
	452320-44-4P	453320-46-6P	452320-48-8P
	452320-50-2P	453320-52-4P	452320-54-6P
	452320-56-8P	453320-58-0P	452320-60-4P
	452320-62-6P	453320-64-8P	452320-66-0P
	452320-68-2P	453320-70-6P	452320-72-8P
	452320-74-0P	453320-76-2P	452320-78-4P
	452320-80-8P	453320-82-0P	452320-84-2P
	452320-86-4P	453320-88-6P	452320-90-0P
	452320-92-2P	453320-94-4P	452320-96-6P
	452320-98-8P	453321-00-5P	452321-02-7P
	452321-04-9P	453321-06-1P	452321-08-3P
	452321-10-7P	453321-12-9P	452321-14-1P
	452321-16-3P	453321-19-6P	452321-21-0P
	452321-22-8P	453321-25-4P	452321-27-6P
	452321-29-8P	453321-31-2P	452321-33-4P
	452321-35-6P	453321-37-8P	452321-39-0P
	452321-41-4P	453321-43-6P	452321-45-8P
	452321-47-0P	453321-55-0P	452321-57-2P
	452321-53-4P	453321-61-8P	452321-59-9P

URL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

**Erich Leese**

10/513699

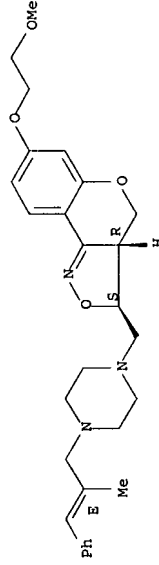
(target compound; preparation and pharmaceutical activity of substituted isoxazolines as anti-depressants)

RN 452319-43-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-clisoxazole, 3a,4-dihydro-7-[(2-methoxyethoxy)methoxy]-3-[[4-[(2E)-2-methyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

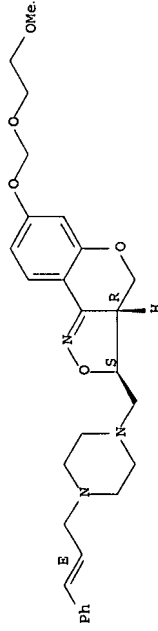


RN 452319-45-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-clisoxazole, 3a,4-dihydro-7-[(2-methoxyethoxy)methoxy]-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

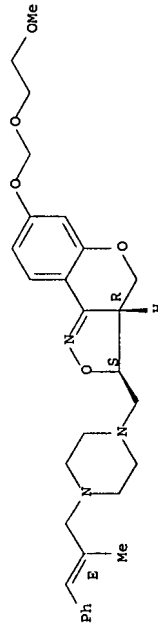


RN 452319-47-0 CAPLUS

CN 3H-[1]Benzopyrano[4,3-clisoxazole, 3a,4-dihydro-7-[(2-methoxyethoxy)methoxy]-3-[[4-[(2E)-2-methyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



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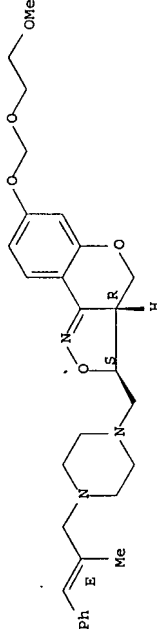
10/513699

RN 452319-49-2 CAPLUS

CN 3H-[1]Benzopyrano[4,3-clisoxazole, 3a,4-dihydro-7-[(2-methoxyethoxy)methoxy]-3-[[4-[(2E)-2-methyl-2-propenyl]-1-piperazinyl]methyl]-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



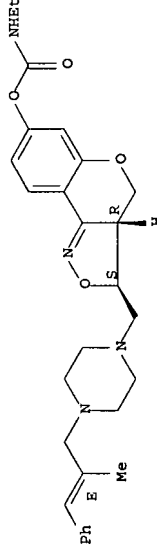
● 2 HCl

RN 452319-51-6 CAPLUS

CN Carbamic acid, ethyl-, (3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-2-propenyl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-clisoxazol-7-yl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



RN 452319-53-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-clisoxazol-7-ol, 3a,4-dihydro-3-[[4-[(2E)-2-propenyl]-1-piperazinyl]methyl]-, acetate (ester), (3R,3aS)-rel- (9CI) (CA INDEX NAME)

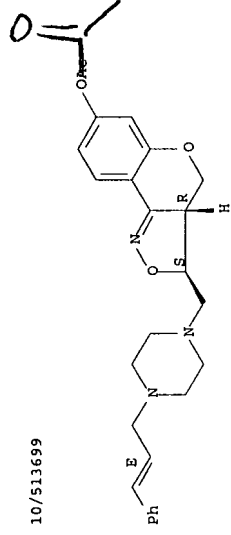
Relative stereochemistry.

Double bond geometry as shown.

<12/04/2007>

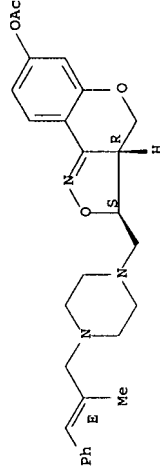
Erich Leese

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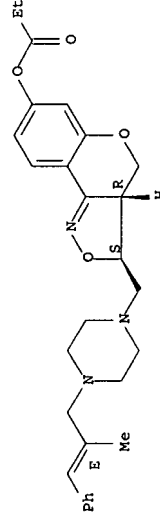
RN 452319-55-0 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-yl, 3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl ester, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452319-57-2 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-yl, 3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl ester, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



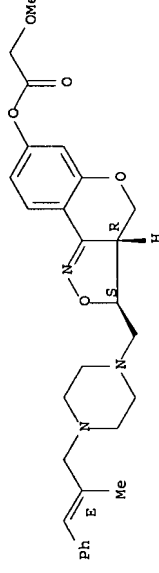
RN 452319-59-4 CAPLUS  
CN Acetic acid, methoxy-, (3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.

<12/04/2007>

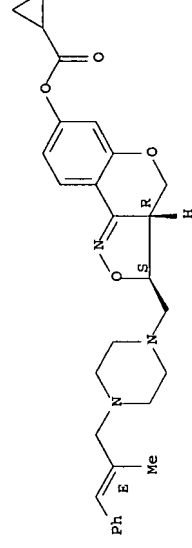
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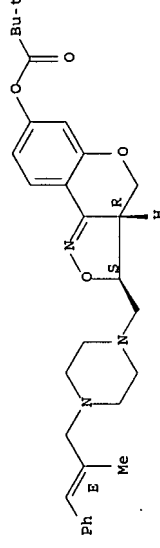
RN 452319-61-8 CAPLUS  
CN Cyclopropanecarboxylic acid, (3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452319-63-0 CAPLUS  
CN Propanoic acid, 2,2-dimethyl-, (3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



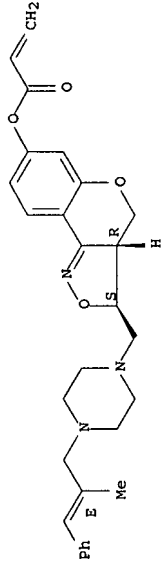
RN 452319-65-2 CAPLUS  
CN 2-Propenoic acid, (3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.

<12/04/2007>

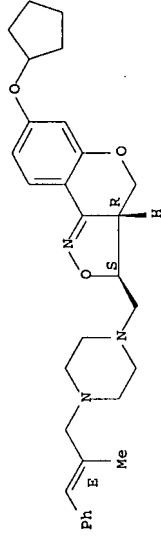
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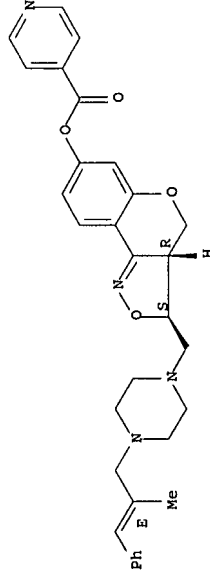
RN 452319-67-4 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 7-(cyclopentyl-oxo)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452319-69-6 CAPLUS  
CN 4-Pyridinecarboxylic acid, (3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazole-7-yl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



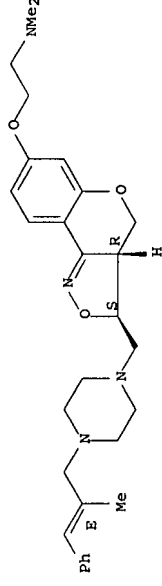
RN 452319-71-0 CAPLUS  
CN Ethanamine, 2-[[[(3R,3aS)-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazole-7-yl]oxy]-N,N-dimethyl-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.

<12/04/2007>

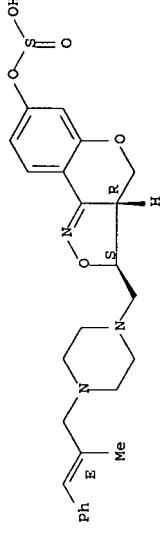
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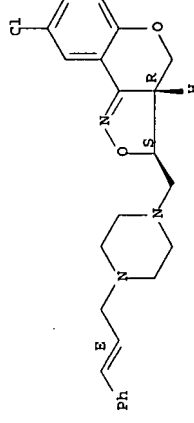
RN 452319-73-2 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 8-chloro-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, hydrogen sulfite (ester), (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452319-75-4 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 8-chloro-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452319-77-6 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 8-chloro-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

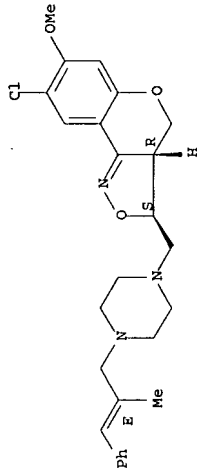
Relative stereochemistry.  
Double bond geometry as shown.

<12/04/2007>

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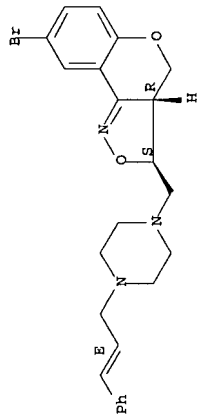


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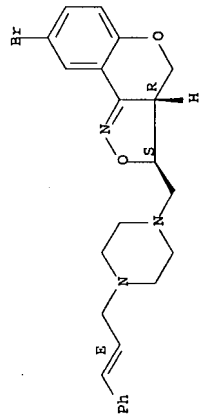
RN 452319-78-7 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 8-bromo-3a,4-dihydro-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452319-80-1 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 8-bromo-3a,4-dihydro-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (+)- (9CI) (CA INDEX NAME)

Rotation (+). Absolute stereochemistry unknown.  
Double bond geometry as shown.



RN 452319-81-2 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 8-bromo-3a,4-dihydro-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (-)- (9CI) (CA INDEX NAME)

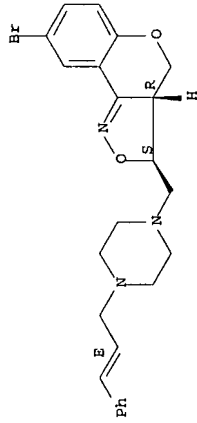
<12/04/2007>

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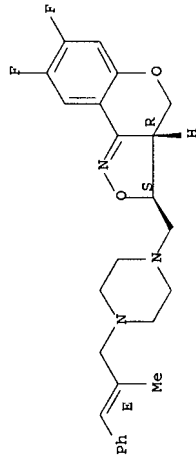
INDEX NAME)

Rotation (-). Absolute stereochemistry unknown.  
Double bond geometry as shown.



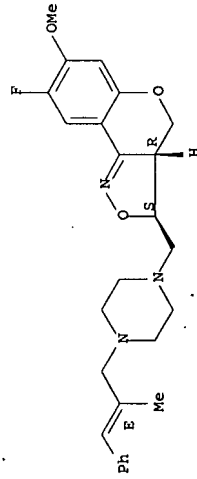
RN 452319-83-4 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 7,8-difluoro-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452319-85-6 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 8-fluoro-3a,4-dihydro-7-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



<12/04/2007>

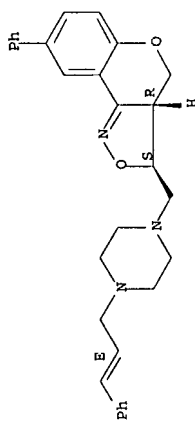
Erich Leese

10/513699

RN 452319-87-8 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-8-phenyl-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



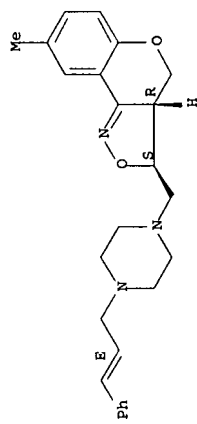
Compound 216  
Column 101

RN 452319-89-0 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-8-methyl-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



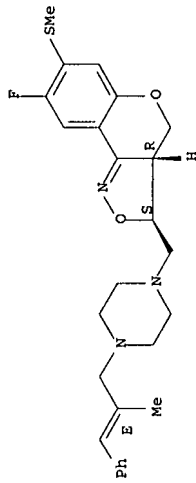
RN 452319-91-4 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 8-fluoro-3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-7-(methylthio)-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

10/513699

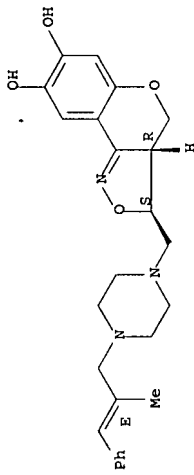


RN 452319-93-6 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole-7,8-di-ol, 3a,4-dihydro-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



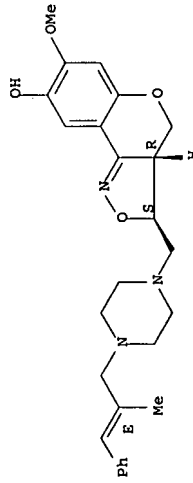
● 2 HCl

RN 452319-95-8 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazol-8-ol, 3a,4-dihydro-7-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



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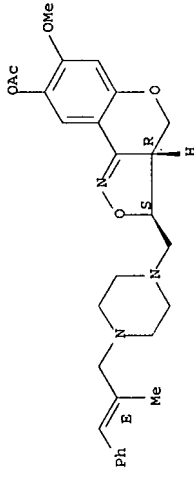
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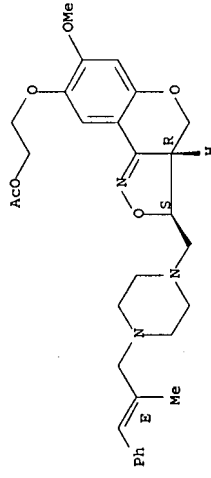
RN 452319-97-0 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazol-8-ol, 3a,4-dihydro-7-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, acetate (ester), (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452319-99-2 CAPLUS  
CN Ethanol, 2-[[[(3R,3aS)-3a,4-dihydro-7-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-8-ylloxy]-, acetate (ester), rel- (9CI) (CA INDEX NAME)

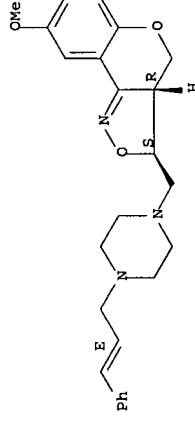
Relative stereochemistry.  
Double bond geometry as shown.



RN 452320-01-3 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-8-methoxy-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

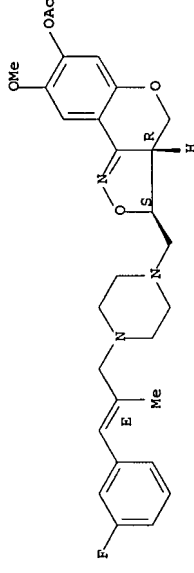
Relative stereochemistry.  
Double bond geometry as shown.

10/513699



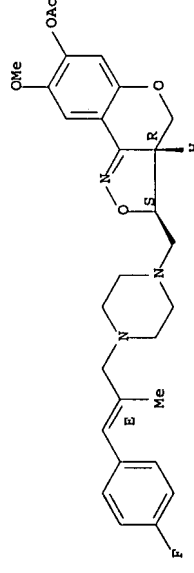
RN 452320-03-5 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-ol, 3-[[4-[(2E)-3-(3-fluorophenyl)-2-methyl-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-, acetate (ester), (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452320-06-8 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-ol, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-, acetate (ester), (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452320-07-9 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-ol, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-, acetate (ester), (3R,3aS)-rel- (9CI) (CA INDEX NAME)

<12/04/2007>

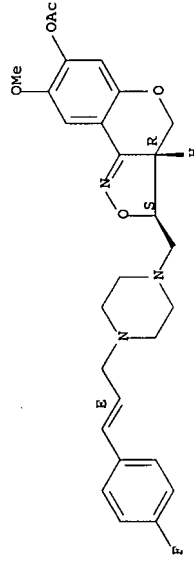
Erich Leese

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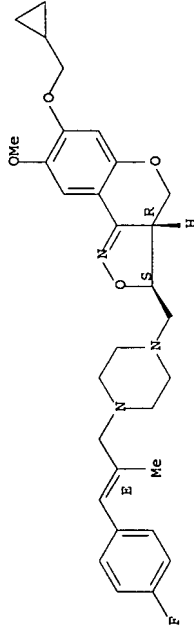
10/513699

Relative stereochemistry.  
Double bond geometry as shown.



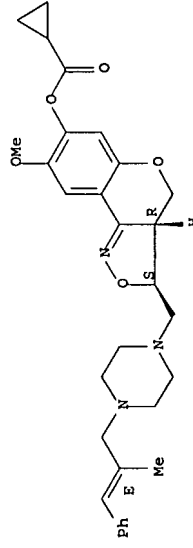
RN 452320-09-1 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 7-(cyclopropylmethoxy)-3-[[4-[(2E)-3-(4-fluorophenyl)-2-methyl-2-propenyl]-1-piperazinyl]methyl]-3a,4-dihydro-8-methoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452320-11-5 CAPLUS  
CN Cyclopropanecarboxylic acid, (3R,3aS)-3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



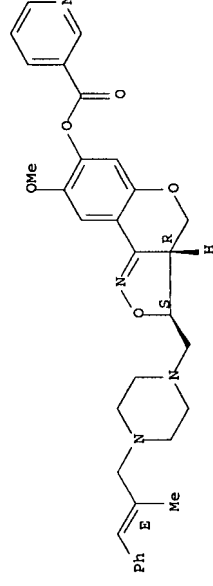
<12/04/2007>

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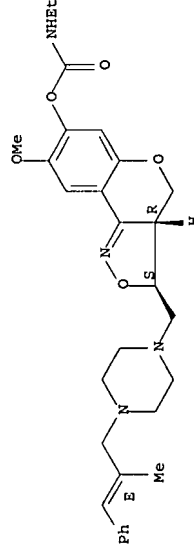
RN 452320-13-7 CAPLUS  
CN 3-Pyridinecarboxylic acid, (3R,3aS)-3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452320-15-9 CAPLUS  
CN Carbanilic acid, ethyl-, (3R,3aS)-3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



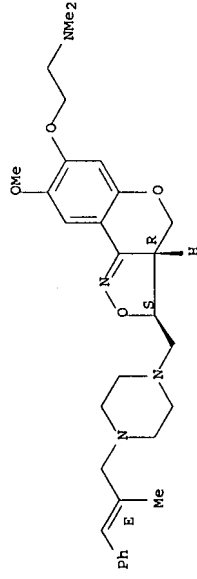
RN 452320-17-1 CAPLUS  
CN Ethanamine, 2-[[[(3R,3aS)-3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl]oxy]-N,N-dimethyl-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.

<12/04/2007>

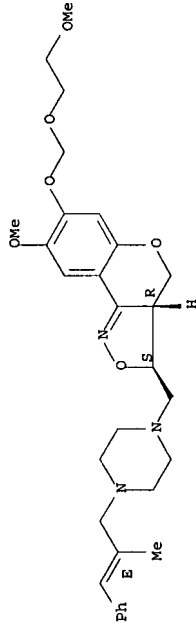
Erich Leese

10/513699



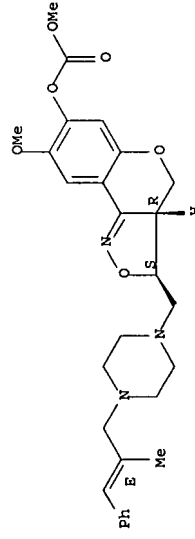
RN 452320-19-3 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-8-methoxy-7-[(2-methoxyethoxy)methyl]-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452320-21-7 CAPLUS  
CN Carbonic acid, (3R,3aS)-3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-yl methyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



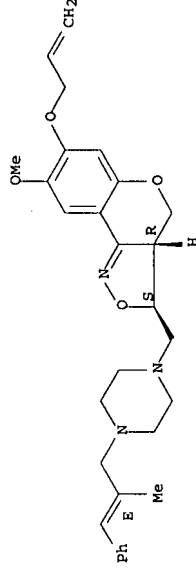
RN 452320-23-9 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-7-(2-propenyloxy)-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

<12/04/2007>

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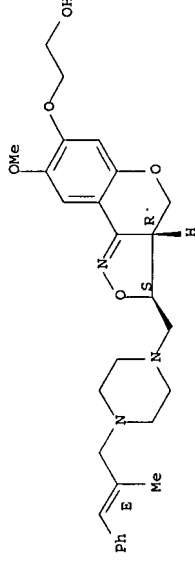
10/513699

Relative stereochemistry.  
Double bond geometry as shown.



RN 452320-25-1 CAPLUS  
CN Ethanol, 2-[[[(3R,3aS)-3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-3H-[1]benzopyrano[4,3-c]isoxazol-7-ylloxy]-, dihydrochloride, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



● 2 HCl

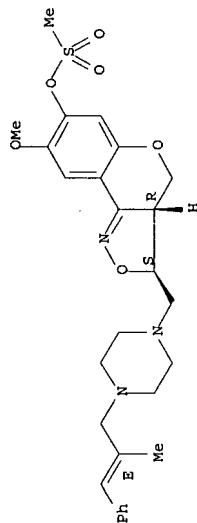
RN 452320-27-3 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-ol, 3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, methanesulfonate (ester), (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.

<12/04/2007>

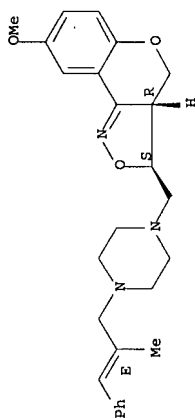
Erich Leese

10/513699



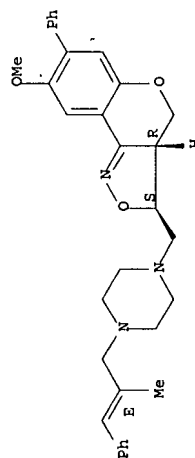
RN 452320-29-5 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI)  
(CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452320-31-9 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-7-phenyl-, (3R,3aS)-rel- (9CI)  
(CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452320-34-2 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-8-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-7-(methylthio)-, (3R,3aS)-rel-, mono(trifluoroacetate) (9CI)  
(CA INDEX NAME)

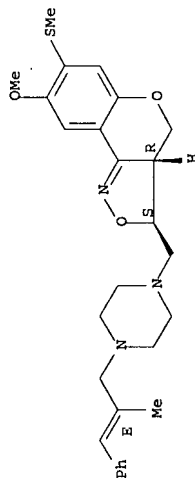
<12/04/2007>

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10/513699

CM 1  
CRN 452320-33-1  
CMF C27 H33 N3 O3 S

Relative stereochemistry.  
Double bond geometry as shown.

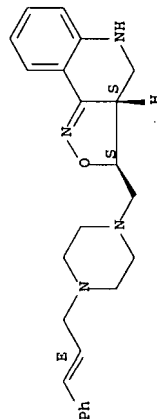


CM 2  
CRN 76-05-1  
CMF C2 H F3 O2



RN 452320-36-4 CAPLUS  
CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (9CI)  
(CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452320-38-6 CAPLUS  
CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (9CI)  
(CA INDEX NAME)

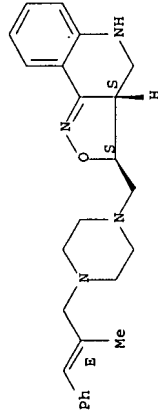
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Erich Leese

Compound 349  
Column 103

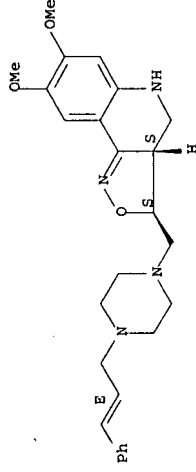
10/5113699

Relative stereochemistry.  
Double bond geometry as shown.



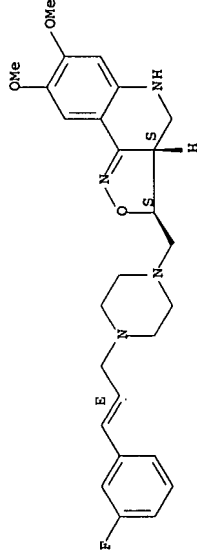
RN 452320-40-0 CAPLUS  
CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7,8-dimethoxy-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452320-42-2 CAPLUS  
CN Isoxazolo[4,3-c]quinoline, 3-[[4-[(2E)-3-(3-fluorophenyl)-2-propenyl]-1-piperazinyl]methyl]-3,3a,4,5-tetrahydro-7,8-dimethoxy-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452320-44-4 CAPLUS  
CN Isoxazolo[4,3-c]quinoline, 3-[[4-[(2E)-3-(3-fluorophenyl)-2-propenyl]-1-piperazinyl]methyl]-3,3a,4,5-tetrahydro-7,8-dimethoxy-, (3R,3aR)-rel-(+)-

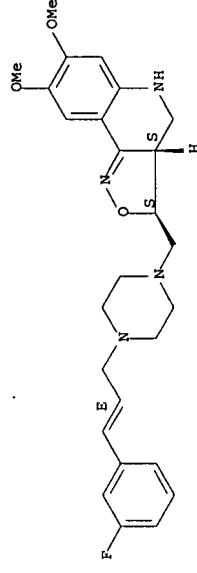
<12/04/2007>

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10/5113699

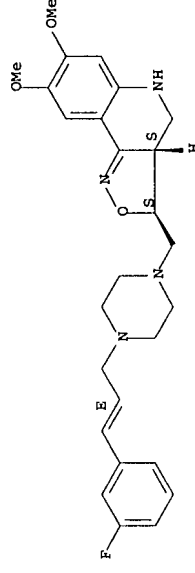
(9CI) (CA INDEX NAME)

Rotation (+). Absolute stereochemistry unknown.  
Double bond geometry as shown.



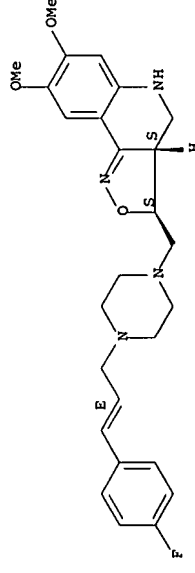
RN 452320-46-6 CAPLUS  
CN Isoxazolo[4,3-c]quinoline, 3-[[4-[(2E)-3-(3-fluorophenyl)-2-propenyl]-1-piperazinyl]methyl]-3,3a,4,5-tetrahydro-7,8-dimethoxy-, (3R,3aR)-rel-(-)- (9CI) (CA INDEX NAME)

Rotation (-). Absolute stereochemistry unknown.  
Double bond geometry as shown.



RN 452320-48-8 CAPLUS  
CN Isoxazolo[4,3-c]quinoline, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-propenyl]-1-piperazinyl]methyl]-3,3a,4,5-tetrahydro-7,8-dimethoxy-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



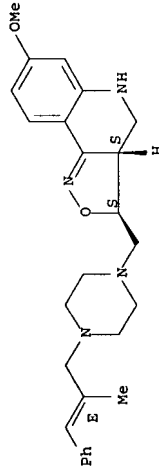
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10/513699

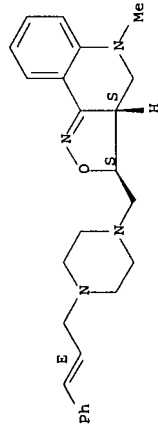
RN 452320-50-2 CAPLUS  
CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



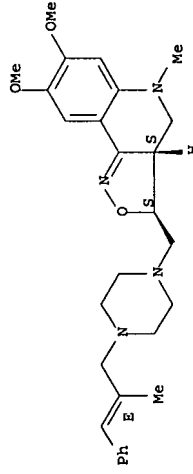
RN 452320-52-4 CAPLUS  
CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-5-methyl-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452320-54-6 CAPLUS  
CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7,8-dimethoxy-5-methyl-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



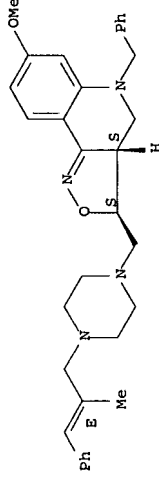
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10/513699

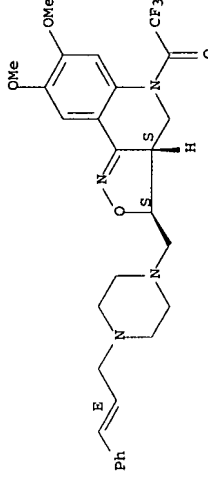
RN 452320-56-8 CAPLUS  
CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7-methoxy-3-[[4-[(2E)-2-methyl-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-5-(phenylmethyl)-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



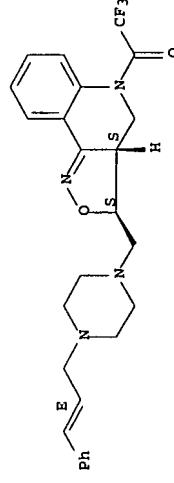
RN 452320-58-0 CAPLUS  
CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7,8-dimethoxy-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-5-(trifluoroacetyl)-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452320-60-4 CAPLUS  
CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-5-(trifluoroacetyl)-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



<12/04/2007>

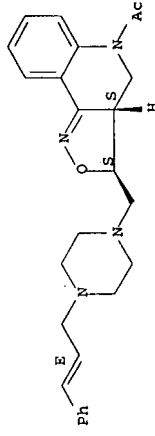
Erich Leese



10/513699

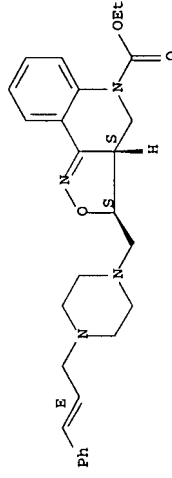
RN 452320-62-6 CAPLUS  
CN Isoxazolo[4,3-c]quinoline, 5-acetyl-3,3a,4,5-tetrahydro-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



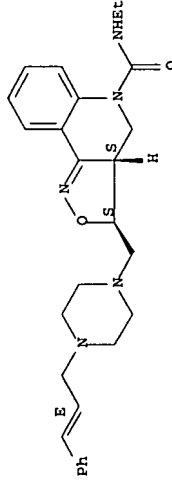
RN 452320-64-8 CAPLUS  
CN Isoxazolo[4,3-c]quinoline-5(3H)-carboxylic acid, 3a,4,5-tetrahydro-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, ethyl ester, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452320-66-0 CAPLUS  
CN Isoxazolo[4,3-c]quinoline-5(3H)-carboxamide, N-ethyl-3a,4,5-tetrahydro-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



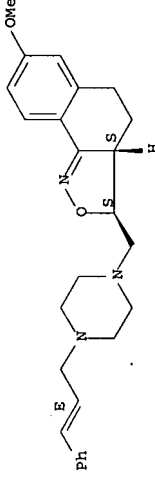
<12/04/2007>

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RN 452320-68-2 CAPLUS  
CN Naphth[1,2-c]isoxazole, 3,3a,4,5-tetrahydro-7-methoxy-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, dihydrochloride, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

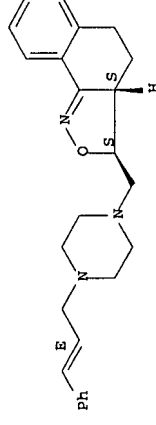
Relative stereochemistry.  
Double bond geometry as shown.



● 2 HCl

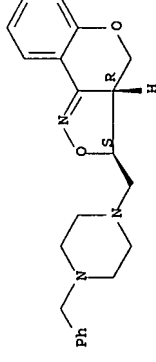
RN 452320-70-6 CAPLUS  
CN Naphth[1,2-c]isoxazole, 3,3a,4,5-tetrahydro-3-[[4-[(2E)-3-phenyl-2-propenyl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452320-72-8 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-3-[[4-(phenylmethyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



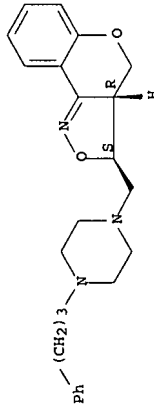
RN 452320-74-0 CAPLUS

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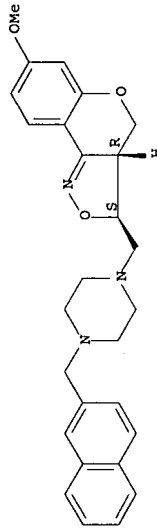
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-3-[[4-(3-phenylpropyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452320-76-2 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7-methoxy-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

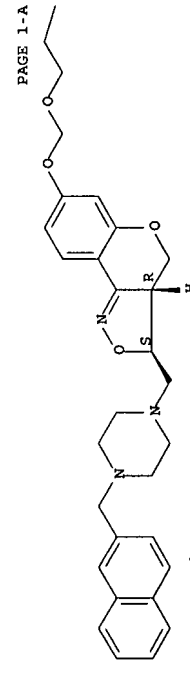
Relative stereochemistry.



● 2 HCl

RN 452320-78-4 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7-[[2-methoxyethoxy]methyl]-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

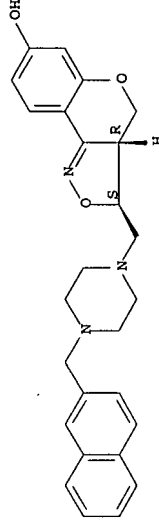


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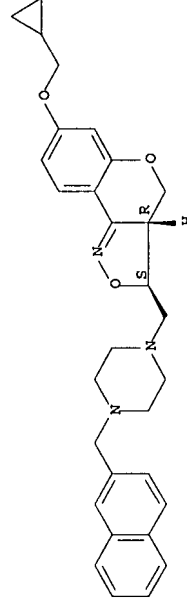
RN 452320-80-8 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-ol, 3a,4-dihydro-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



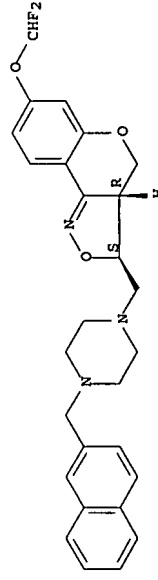
RN 452320-82-0 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 7-(cyclopropylmethoxy)-3a,4-dihydro-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452320-84-2 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 7-(difluoromethoxy)-3a,4-dihydro-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

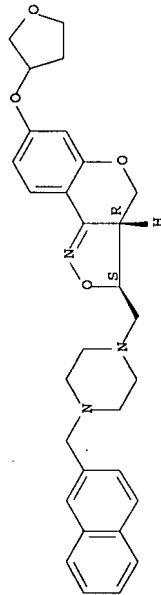
Relative stereochemistry.



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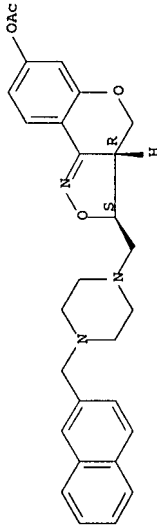
RN 452320-86-4 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-3-[[4-(2-naphthalenylmethyl)-1-piperazinylmethyl]-7-[[tetrahydro-3-furanyl]oxy]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



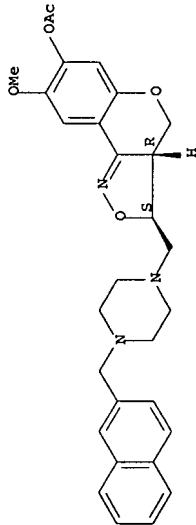
RN 452320-88-6 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-ol, 3a,4-dihydro-3-[[4-(2-naphthalenylmethyl)-1-piperazinylmethyl]-, acetate (ester), (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452320-90-0 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-ol, 3a,4-dihydro-8-methoxy-3-[[4-(2-naphthalenylmethyl)-1-piperazinylmethyl]-, acetate (ester), (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



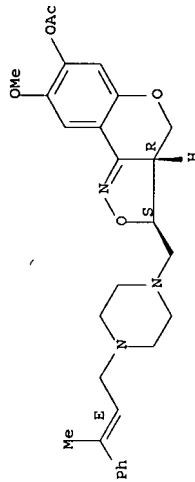
RN 452320-92-2 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazol-7-ol, 3a,4-dihydro-8-methoxy-3-[[4-((2E)-3-phenyl-2-butenyl)-1-piperazinylmethyl]-, acetate (ester), (3R,3aS)-rel-

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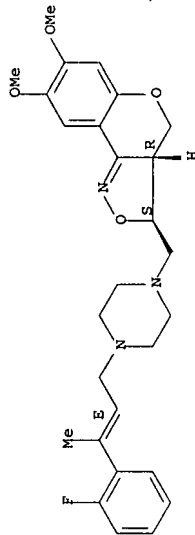
10/513699

(9CI) (CA INDEX NAME)  
Relative stereochemistry.  
Double bond geometry as shown.



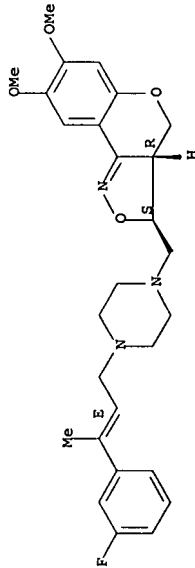
RN 452320-94-4 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-((2E)-3-(2-fluorophenyl)-2-butenyl)-1-piperazinylmethyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452320-96-6 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-((2E)-3-(3-fluorophenyl)-2-butenyl)-1-piperazinylmethyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



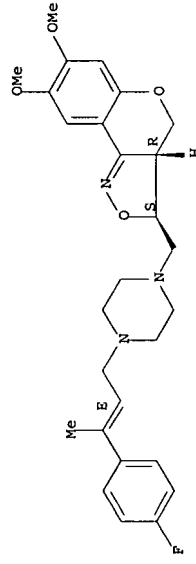
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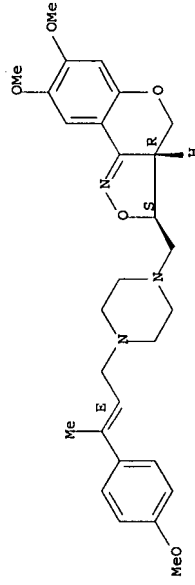
RN 452320-98-8 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-fluorophenyl)-2-butenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452321-00-5 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(4-methoxyphenyl)-2-butenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



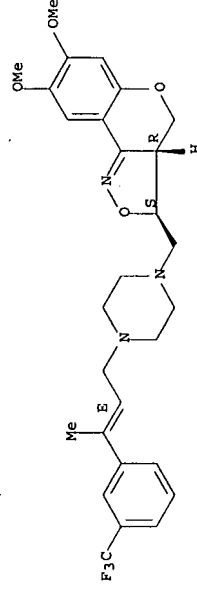
RN 452321-02-7 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-[3-(trifluoromethyl)phenyl]-2-butenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.

<12/04/2007>

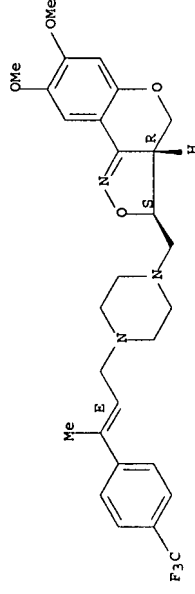
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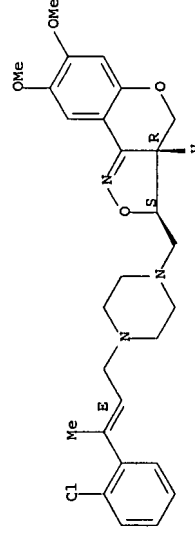
RN 452321-04-9 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-[4-(trifluoromethyl)phenyl]-2-butenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452321-06-1 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(2-chlorophenyl)-2-butenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



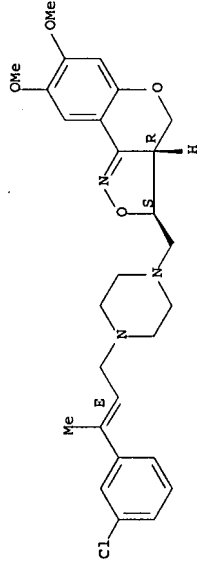
RN 452321-08-3 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(3-chlorophenyl)-2-butenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

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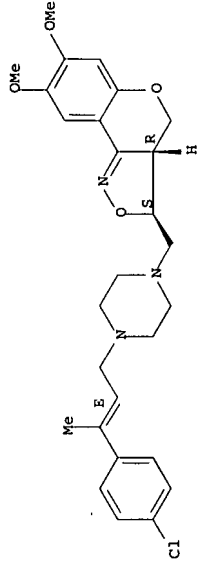
10/513699

Relative stereochemistry.  
Double bond geometry as shown.



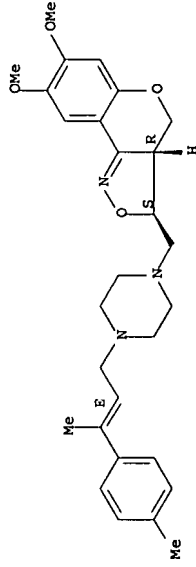
RN 452321-10-7 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(4-chlorophenyl)-2-butenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452321-12-9 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(4-methylphenyl)-1-piperazinyl]methyl]-2-butenyl]-1-piperazinylmethyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



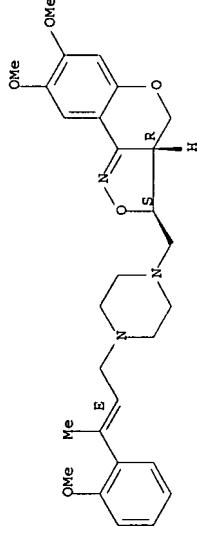
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10/513699

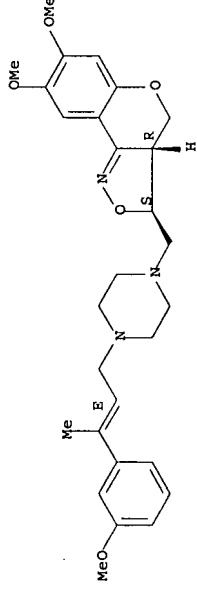
RN 452321-14-1 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(2-methoxyphenyl)-2-butenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452321-16-3 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(3-methoxyphenyl)-2-butenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



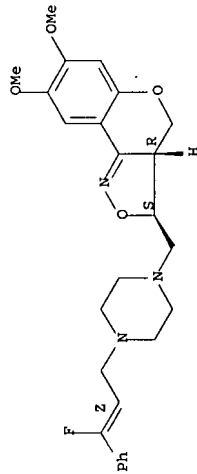
RN 452321-19-6 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2Z)-3-(3-fluoro-3-phenyl-2-propenyl)-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, dihydrochloride, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.

<12/04/2007>

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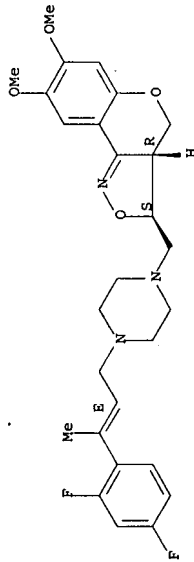
10/513699



● 2 HCl

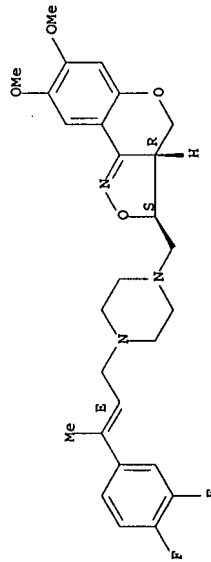
RN 452321-21-0 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-[(2,4-difluorophenyl)-2-butenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452321-23-2 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-[(3,4-difluorophenyl)-2-butenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



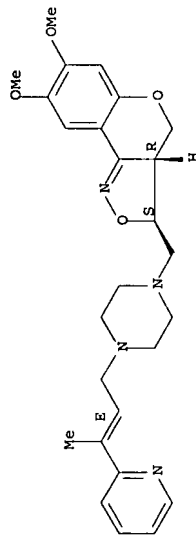
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10/513699

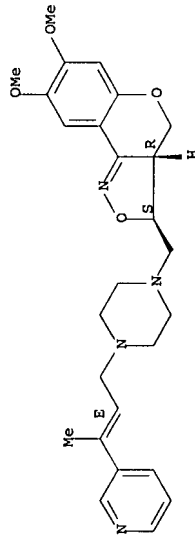
RN 452321-25-4 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(2-pyridinyl)-2-butenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452321-27-6 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(3-pyridinyl)-2-butenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



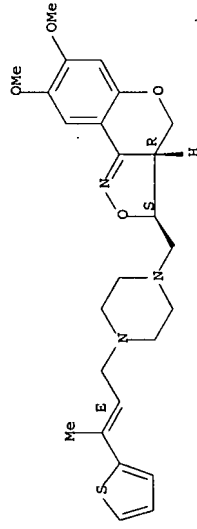
RN 452321-29-8 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7,8-dimethoxy-3-[[4-[(2E)-3-(2-thienyl)-2-butenyl]-1-piperazinyl]methyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.

<12/04/2007>

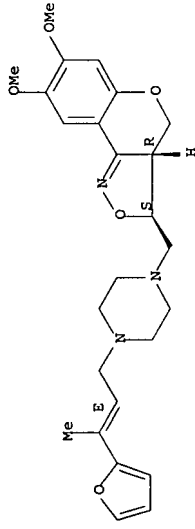
Erich Leese

10/513699



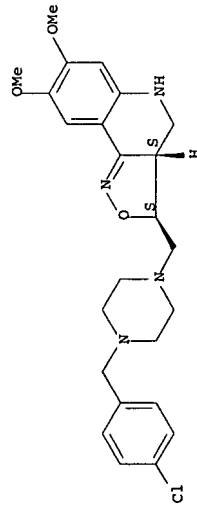
RN 452321-31-2 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(2E)-3-(2-furanyl)-2-butenyl]-1-piperazinyl]methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452321-33-4 CAPLUS  
CN Isoxazolo[4,3-c]quinoline, 3-[[4-[(4-chlorophenyl)methyl]-1-piperazinyl]methyl]-3,3a,4,5-tetrahydro-7,8-dimethoxy-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



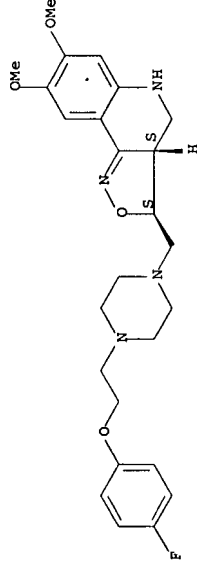
RN 452321-35-6 CAPLUS  
CN Isoxazolo[4,3-c]quinoline, 3-[[4-[2-(4-fluorophenoxy)ethyl]-1-piperazinyl]methyl]-3,3a,4,5-tetrahydro-7,8-dimethoxy-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

<12/04/2007>

Erich Leese

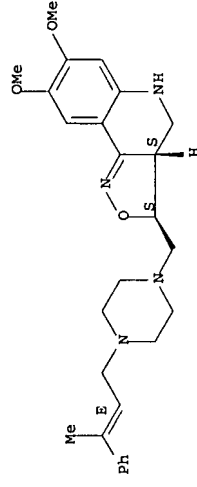
10/513699

Relative stereochemistry.



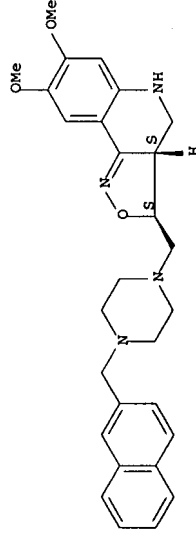
RN 452321-37-8 CAPLUS  
CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7,8-dimethoxy-3-[[4-[(2E)-3-phenyl-2-butenyl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 452321-39-0 CAPLUS  
CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7,8-dimethoxy-3-[[4-(2-naphthalenyl)methyl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452321-41-4 CAPLUS  
CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7,8-dimethoxy-3-[[4-(6-quinolinyl)methyl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

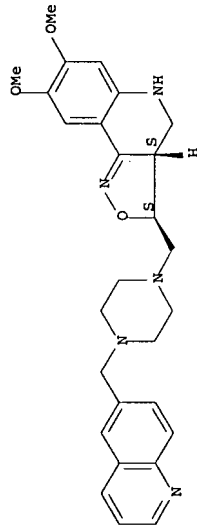
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Erich Leese

10/513699

NAME)

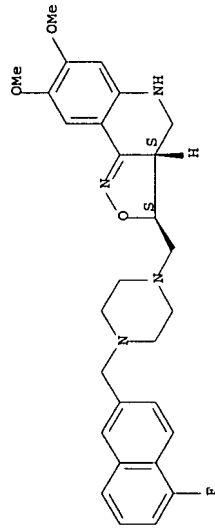
Relative stereochemistry.



RN 452321-43-6 CAPLUS

CN Isoxazolo[4,3-c]quinoline, 3-[[4-[(5-fluoro-2-naphthalenyl)methyl]-1-piperazinyl]methyl]-3,3a,4,5-tetrahydro-7,8-dimethoxy-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

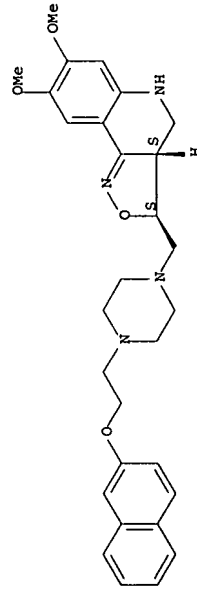
Relative stereochemistry.



RN 452321-45-8 CAPLUS

CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-7,8-dimethoxy-3-[[4-[2-(2-naphthalenyloxy)ethyl]-1-piperazinyl]methyl]-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452321-47-0 CAPLUS

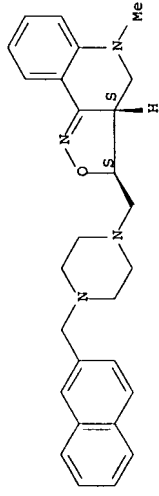
<12/04/2007>

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CN Isoxazolo[4,3-c]quinoline, 3,3a,4,5-tetrahydro-5-methyl-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl]methyl]-, (3R,3aR)-rel- (9CI) (CA INDEX NAME)

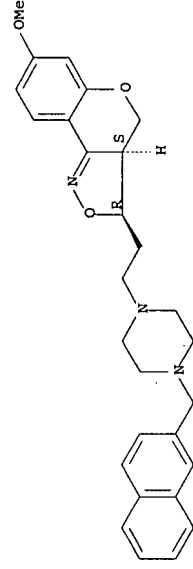
Relative stereochemistry.



RN 452321-55-0 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3a,4-dihydro-7-methoxy-3-[[4-(2-naphthalenylmethyl)-1-piperazinyl]ethyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

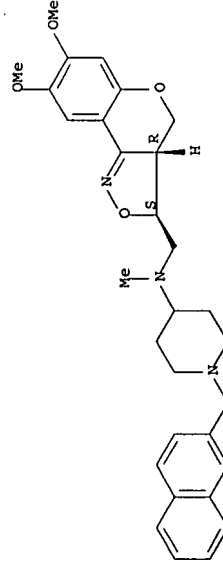
Relative stereochemistry.



RN 452321-57-2 CAPLUS

CN 3H-[1]Benzopyrano[4,3-c]isoxazole-3-methanamine, 3a,4-dihydro-7,8-dimethoxy-N-methyl-N-[1-(2-naphthalenylmethyl)-4-piperidinyl]-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



<12/04/2007>

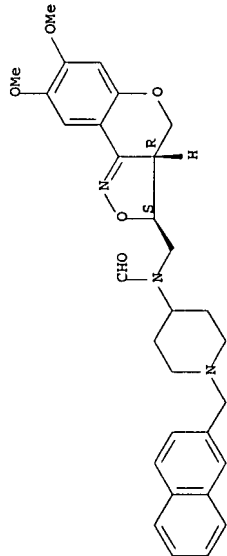
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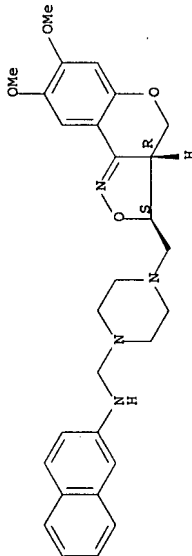
RN 452321-59-4 CAPLUS  
CN Formamide, N-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-N-[1-(2-naphthalenylmethyl)-4-piperidinyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 452321-61-8 CAPLUS  
CN 1-Piperazinemetanamine, 4-[[[(3R,3aS)-3a,4-dihydro-7,8-dimethoxy-3H-[1]benzopyrano[4,3-c]isoxazol-3-yl)methyl]-N-2-naphthalenyl]-, rel- (9CI) (CA INDEX NAME)

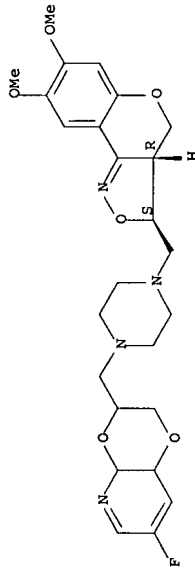
Relative stereochemistry.



RN 452934-93-9 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(7-fluoro-2,3,4a,8a-tetrahydro-1,4-dioxino[2,3-b]pyridin-3-yl)methyl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

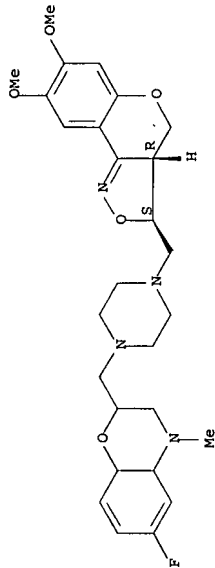
Relative stereochemistry.

10/513699



RN 452934-94-0 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole, 3-[[4-[(6-fluoro-3,4,4a,8a-tetrahydro-4-methyl-2H-1,4-benzoxazin-2-yl)methyl]-1-piperazinyl)methyl]-3a,4-dihydro-7,8-dimethoxy-, (3R,3aS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



REFERENCE COUNT: 2

THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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L5 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2000:260283 CAPLUS

DOCUMENT NUMBER: 132:293757

TITLE: Preparation of novel 4,5-dihydroisoxazole derivatives

and their use as pharmaceuticals for T cell-mediated

diseases

INVENTOR(S): Freyne, Eddy Jean Edgard; Andries-Gil, Jose Ignacio;

Dercoose, Frederik Dirk; Petit, Davy Petrus Franciscus

Maria; Matesanz-Ballesteros, Maria Encarnacion,

Alvarez Escobar, Rosa Maria

Janssen Pharmaceutica N.V., Belg.

PCT Int. Appl., 108 pp.

SOURCE: CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.

KIND DATE

APPLICATION NO.

DATE

<12/04/2007>

Erich Leese

<12/04/2007>

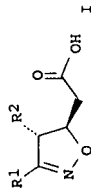
Erich Leese



10/513699

TITLE: A convenient synthesis of 3- and 3,4-substituted 4,5-dihydroisoxazole-5-acetic acids  
AUTHOR(S): Eichinger, Karl; Wokurek, Michael; Zauner, Bernd; Rostami, Mohammad Reza  
CORPORATE SOURCE: Institute of Organic Chemistry, Vienna University of Technology, Vienna, A-1060, Austria  
SOURCE: Synthetic Communications (1997), 27(16), 2733-2742  
CODEN: SYNCAV; ISSN: 0039-7911

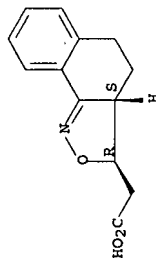
PUBLISHER: Dekker  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
OTHER SOURCE(S): CASREACT 127:149098  
GI



AB The 4,5-dihydroisoxazole-5-acetic acids I [R1 = Ph, Me, 4-ClC6H4, 4-MeOC6H4, 4-PhC6H4, R2 = H, SPH, OPh, 4-ClC6H4; R1R2 = (CH2)4, (CH2)10, 1,2,3,4-tetrahydronaphth-1,2-diyl] were prepared from the ketoximes R1C(CH2R2)NOH, 2,2-dimethyl-5-methoxymethylene-1,3-dioxan-4,6-dione and butyllithium in yields from 35 to 79 %.

IT 193267-45-7P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
RN 193267-45-7 CAPLUS  
CN Naphth[1,2-c]isoxazole-3-acetic acid, 3,3a,4,5-tetrahydro-, cis- (9CI)  
(CA INDEX NAME)

Relative stereochemistry.



REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1995:228191 CAPLUS  
DOCUMENT NUMBER: 122:81272  
TITLE: Nitrile oxide [3 + 2] cycloaddition: application to the synthesis of 6-substituted 3(2H)-pyridazinones and 6-substituted 4,5-dihydro-4-hydroxy-3(2H)-pyridazinones

<12/04/2007>

Erich Leese

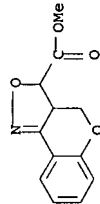
10/513699

AUTHOR(S): Baraldi, P. G.; Bigoni, A.; Cacciari, B.; Caldari, C.; Manfredini, S.; Spalluto, G.  
CORPORATE SOURCE: Dipartimento di Scienze Farmaceutiche, Univ. di Ferrara, Ferrara, I-44100, Italy  
SOURCE: Synthesis (1994), (11), 1158-62  
CODEN: SYNTHF; ISSN: 0039-7881

PUBLISHER: Thieme  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
OTHER SOURCE(S): CASREACT 122:81272

AB An efficient method for the preparation of 6-substituted 3(2H)-pyridazinones and 6-substituted 4,5-dihydro-4-hydroxy-3(2H)-pyridazinones starting from 3,5-disubstituted 4,5-dihydroisoxazoles is described. N-O bond cleavage of the isoxazoline ring promoted by molybdenum hexacarbonyl or by catalytic hydrogenation afforded the 4-hydroxy [4-keto esters RCOCH2CH(OH)CO2Et (I, R = Me, Bu, 2-, 4-pyridyl, 4-HOC6H4) which were converted into 6-substituted 4,5-dihydro-4-hydroxy-3(2H)-pyridazinones for 6-substituted 3(2H)-pyridazinones on treatment with hydrazine hydrate at room temperature or reflux in high yield starting from I. An intramol. version of this methodol. has been developed to prepare the known antiulcer tricyclic 5H-[1]-benzopyrano[4,3-c]pyridazin-3(2H)-one.

IT 160427-31-6P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(nitrile oxide [3 + 2] cycloaddn. to pyridazinones)  
RN 160427-31-6 CAPLUS  
CN 3H-[1]Benzopyrano[4,3-c]isoxazole-3-carboxylic acid, 3a,4-dihydro-, methyl ester (9CI) (CA INDEX NAME)



L5 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1995:94454 CAPLUS  
DOCUMENT NUMBER: 123:111970

TITLE: Pyridazin-3(2H)-ones via Δ2-isoxazoline intermediates: synthetic studies

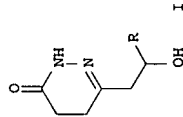
AUTHOR(S): Baraldi, Pier Giovanni; Spalluto, Giampiero; Manfredini, Stefano; Simoni, Daniele  
CORPORATE SOURCE: Dipartimento di Scienze Farmaceutiche, Università di Ferrara, Ferrara, Italy  
SOURCE: Acta Chimica Slovenica (1994), 41(2), 149-72  
CODEN: ACSLE7; ISSN: 1318-0207

DOCUMENT TYPE: Journal  
LANGUAGE: English  
GI

<12/04/2007>

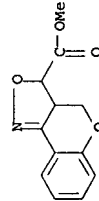
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AB An efficient method for the preparation of 6-substituted-4,5-dihydro-3(2H)-pyridazinones I (R = alkyl, benzyl, etc.) was described. The synthetic strategy is based on 4,5-dihydro-3(2H)-pyridazinones which were unmasked by N-O bond cleavage and cyclized to the target compound. Utilizing the same approach was possible to obtain both 6-substituted-3(2H)-pyridazinones and 6-substituted-4-hydroxy-4,5-dihydro-3(2H)-pyridazinones. This protocol was also extended to a C-nucleoside starting from  $\beta$ -ribofuranosylhydrazine. Moreover, an intramolecular version of this methodol. has been developed to prepare a known anticancer tricyclic 3(2H)-pyridazinone. The unusual transformation of compds. I into the corresponding 3-(1-naphthyl)propionic acid Et ester derivs. was also reported.

IT 160427-31-6P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (preparation of benzopyranopyridazinone)  
 RN 160427-31-6 CAPLUS  
 CN 3H-[1]Benzopyrano[4,3-c]isoxazole-3-carboxylic acid, 3a,4-dihydro-, methyl ester (9CI) (CA INDEX NAME)

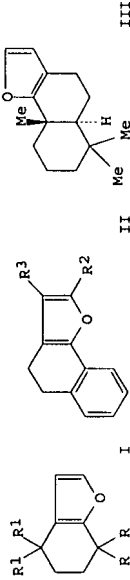


LS ANSWER 6 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1993:234262 CAPLUS  
 DOCUMENT NUMBER: 118:234262  
 TITLE: A general synthetic route to fused furans. Total synthesis of (+)-pallascensin A  
 AUTHOR(S): Shishido, Koro; Unimoto, Koji; Ouchi, Mikiko; Irie, Osamu; Omodani, Tomoki; Takata, Takeshi; Shibuya, Masayuki  
 CORPORATE SOURCE: Inst. Med. Resour., Univ. Tokushima, Tokushima, 770, Japan  
 SOURCE: Journal of Chemical Research, Synopses (1993), (2), 58-9  
 CODEN: JRPSPC; ISSN: 0308-2342  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

<12/04/2007>

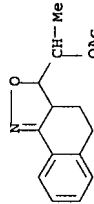
Erich Leese

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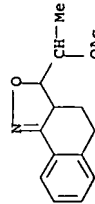


AB A general and facile synthetic route to fused furans has been developed. The key step of the transformation involves the intramol. [3+2] dipolar cycloaddn. reaction of nitrile oxides which were generated in situ from the corresponding oxime acetates. Reductive hydrolysis of the resulting dihydroisoxazoles followed by alkaline hydrolysis provided  $\beta$ , $\gamma$ -dihydroxy ketones which were immediately treated with a catalytic amount of p-toluenesulfonic acid to afford the fused furans I (R = Me, R1 = H; R = H, R1 = Me). Alternatively, the alcs., derived by reductive hydrolysis and acid treatment to provide I. Addnl. dihydroisoxazole alcs., prepared from com. available phthalide, were similarly treated to give the tricyclic fused furans II (R2 = H, Me, R3 = Me; R2 = Me, R3 = H) in reasonable yields. The methodol. developed here has been successfully applied to a total synthesis of (+)-pallascensin A (III) starting with (+)-Wieland-Wiescher ketone.

IT 147378-13-0P 147511-14-6P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (preparation and deacetylation of)  
 RN 147378-13-0 CAPLUS  
 CN Naphth[1,2-c]isoxazole-3-methanol, 3,3a,4,5-tetrahydro- $\alpha$ -methyl-, acetate (ester), [3a(R\*),3aa]- (9CI) (CA INDEX NAME)



RN 147511-14-6 CAPLUS  
 CN Naphth[1,2-c]isoxazole-3-methanol, 3,3a,4,5-tetrahydro- $\alpha$ -methyl-, acetate (ester), [3a(R\*),3aa]- (9CI) (CA INDEX NAME)



IT 147378-22-IP 147511-12-4P

<12/04/2007>

Erich Leese

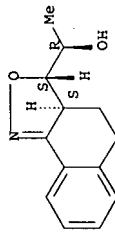
10/513699

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(preparation, hydrolysis, and cyclization of)

RN 147378-22-1 CAPLUS

CN Naphth[1,2-c]isoxazole-3-methanol, 3,3a,4,5-tetrahydro- $\alpha$ -methyl-,  
[3 $\alpha$ (S\*),3 $\alpha$ ] - (9CI) (CA INDEX NAME)

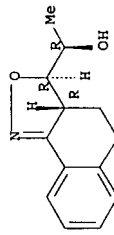
Relative stereochemistry.



RN 147511-12-4 CAPLUS

CN Naphth[1,2-c]isoxazole-3-methanol, 3,3a,4,5-tetrahydro- $\alpha$ -methyl-,  
[3 $\alpha$ (R\*),3 $\alpha$ ] - (9CI) (CA INDEX NAME)

Relative stereochemistry.



<12/04/2007>

Erich Leese